CARMONA RESOURCES

SITE INFORMATION

Closure Report
Deep Elem Riser (10.24.25)
Eddy County, New Mexico
Incident ID: nAPP2529752314
Unit A Sec 08 T26S R31E
32.062389°, -103.791861°

Produced Water Release
Point of Release: Equipment Failure on Pump
Release Date: 10/24/2025
Volume Released: 600 Barrels of Produced Water
Volume Recovered: 430 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

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

CARMONA RESOURCES

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

CARMONA RESOURCES

May 8, 2026

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

Re: Closure Report
Deep Elem Riser (10.24.25)
EOG Resources, Inc
Incident ID: nAPP2529752314
Site Location: Unit A, S08, T26S, R31E
(Lat 32.062389°, Long -103.791861°)
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 Riser (10.24.25). The site is located at 32.062389°, -103.791861° within Unit A, S08, 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 October 24, 2025, caused by equipment failure on a pump. It resulted in the release of six hundred (600) barrels of produced water, with four hundred thirty (430) barrels being recovered. Refer to Figure 3. The Notification of Release and initial C-141 forms are attached in Appendix C.

Additionally, a karst survey was completed on October 3, 2025, per NMOCD request. The Karst Survey was completed in order to proceed with remediating per the standards set in Table 1 NMAC 19.15.29.12 Groundwater >100 feet due to the site being determined to be in a "Medium Karst" environment. "*These surveys did not reveal any surface evidence of karst features within 200 meters of the proposed remediation"*. See Appendix D for the Karst Survey.

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 0.61 miles Southwest of the site in S08, T26S, R31E, and was drilled in 1977. The well has a reported depth to groundwater of 300' 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 and the NMOCD denial of utilizing a previous variance request, the following criteria were utilized in remediation of the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

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

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4.0 Site Assessment Activities

Trenching Assessment

On November 18, 2025, Carmona Resources, LLC performed a trenching site assessment to evaluate soil impacts stemming from the release. A total of ten (10) test trenches (T-1 through T-10) and twelve (12) horizontal sample points (H-1 through H-12) were advanced to depths ranging from the surface to 4' 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 standard method 4500. The laboratory reports, including analytical methods, results, and chain of custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal between April 8, 2026 through April 16, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of one hundred two (102) floor confirmation samples were collected (CS-1 through CS-102), and forty-five (45) sidewall samples (SW-1 through SW-45) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by standard method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A through 4D.

Approximately 3,205 cubic yards of material were excavated and transported offsite for proper disposal.

All final confirmation samples met the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The composite pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and chloride by standard method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. On April 24, 2026, the backfilled areas were seeded via tractor drill with a depth regulator with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the vegetation process. The seed mixture used was the BLM Seed Mixture #2. 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 28,950 square feet of surface material was reclaimed. See Appendix F for the soil survey and map and Figure 5 for the reclamation areas.

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

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7.0 Conclusions

Based on the assessment results and the final analytical data, no further actions are required at the site. EOG formally requests the closure of this incident. 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

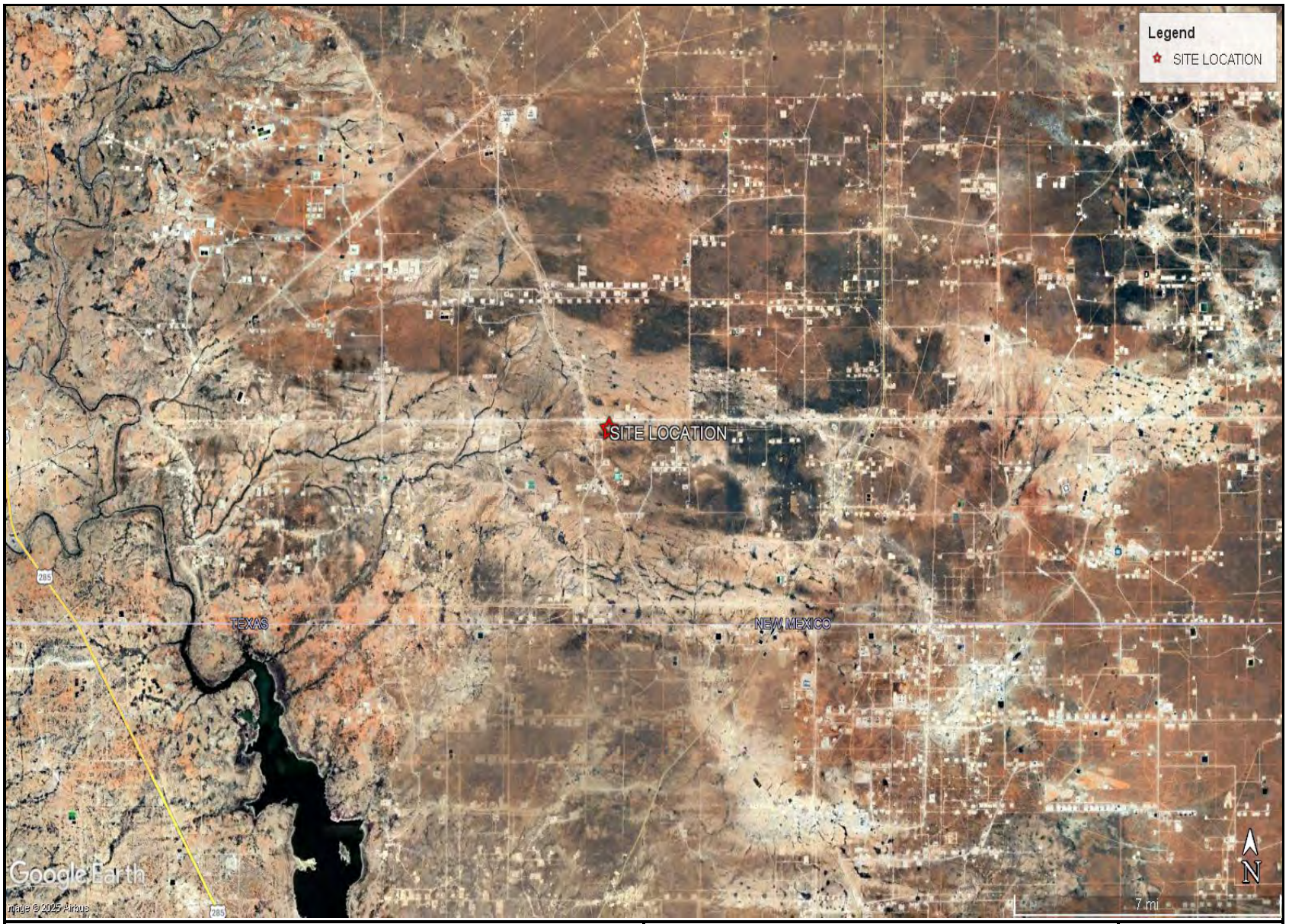
Conner Moehring
Environmental Manager

Stephen Reyes
Environmental Engineer

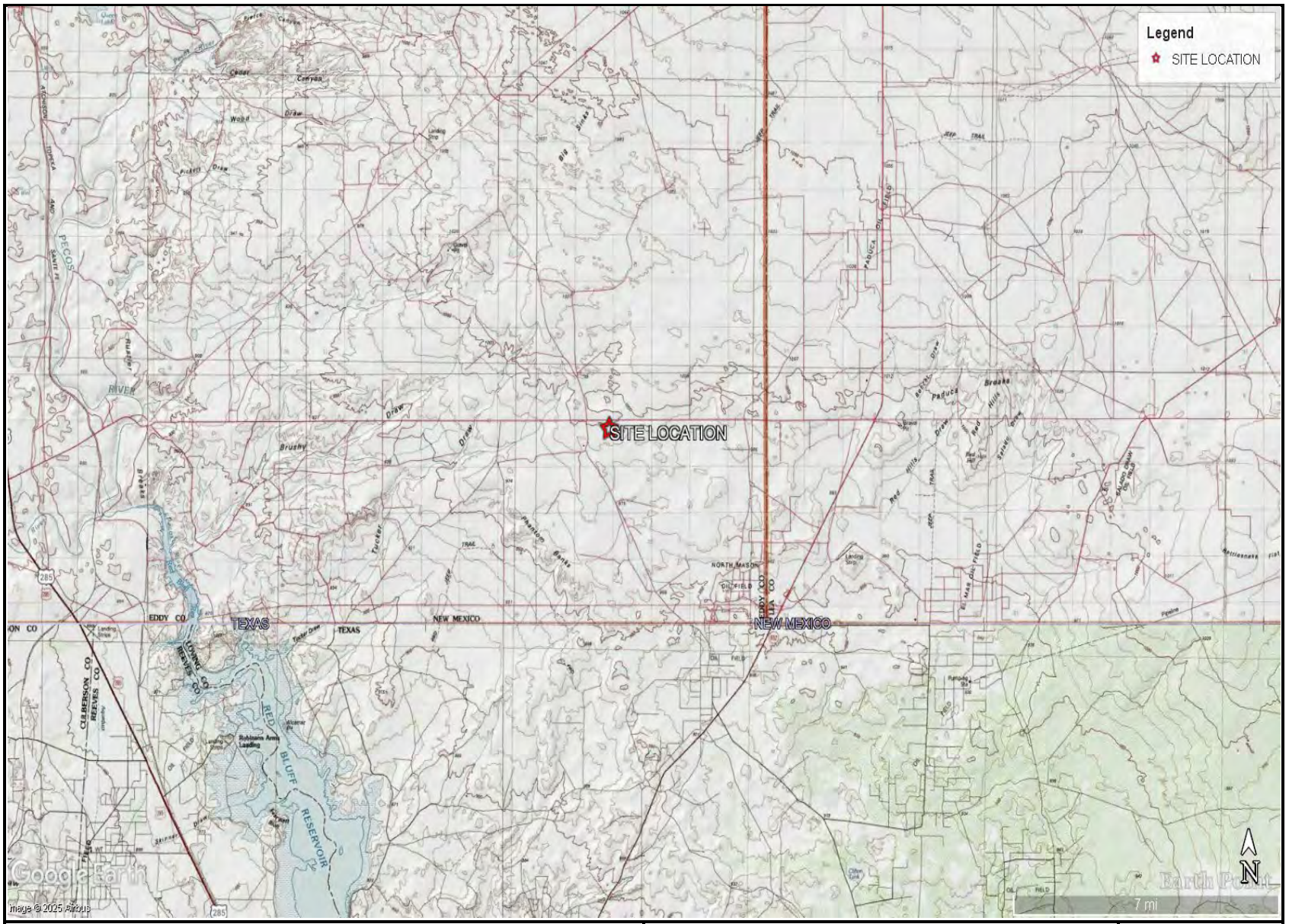
310 West Wall Street, Suite 500
Midland, Texas 79701
432.813.1992

FIGURES

CARMONA RESOURCES

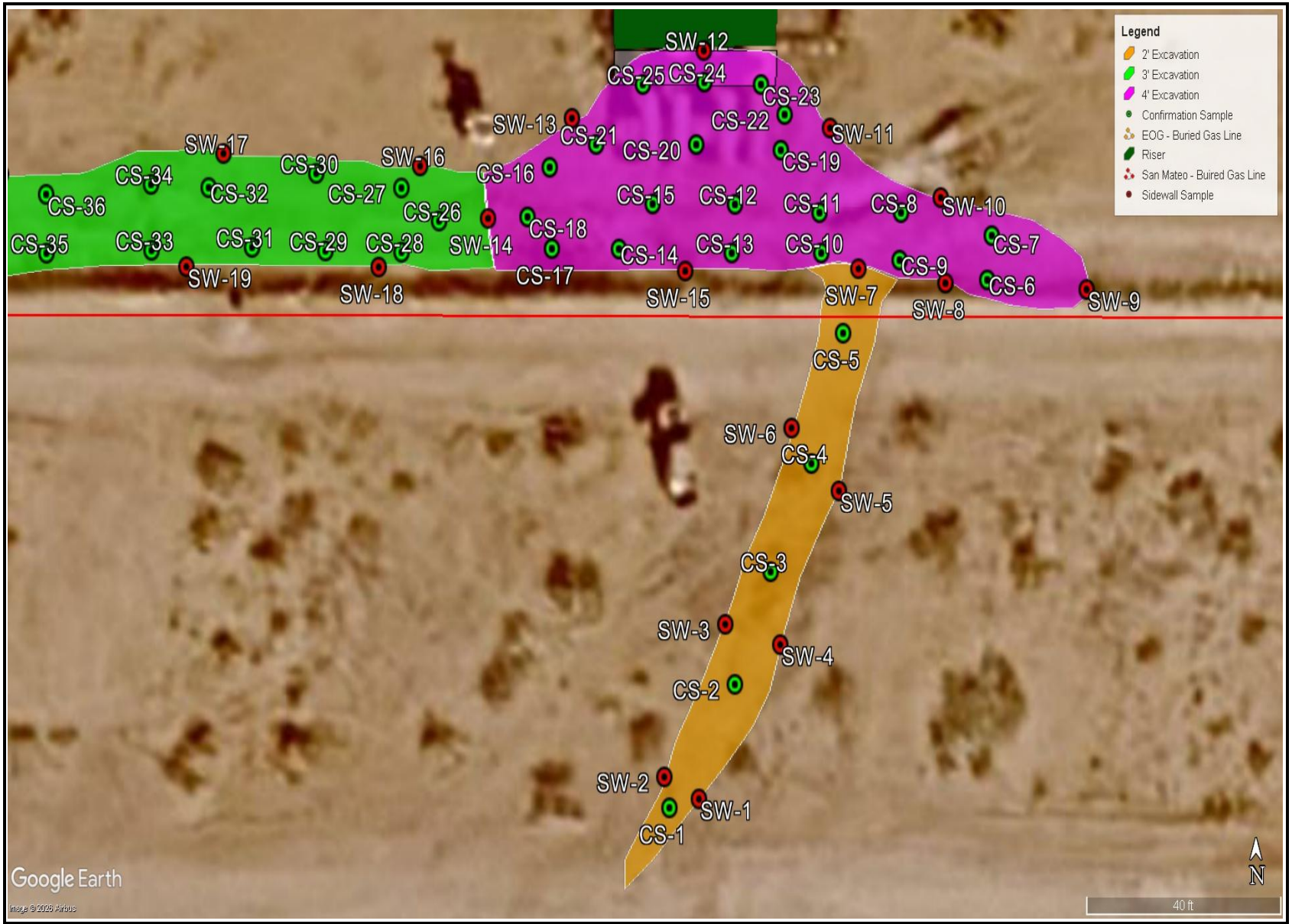


OVERVIEW MAP EOG RESOURCES DEEP ELEM RISER (10.24.25) EDDY COUNTY, NEW MEXICO 32.062389°, -103.791861°	CARMONA RESOURCES	FIGURE 1



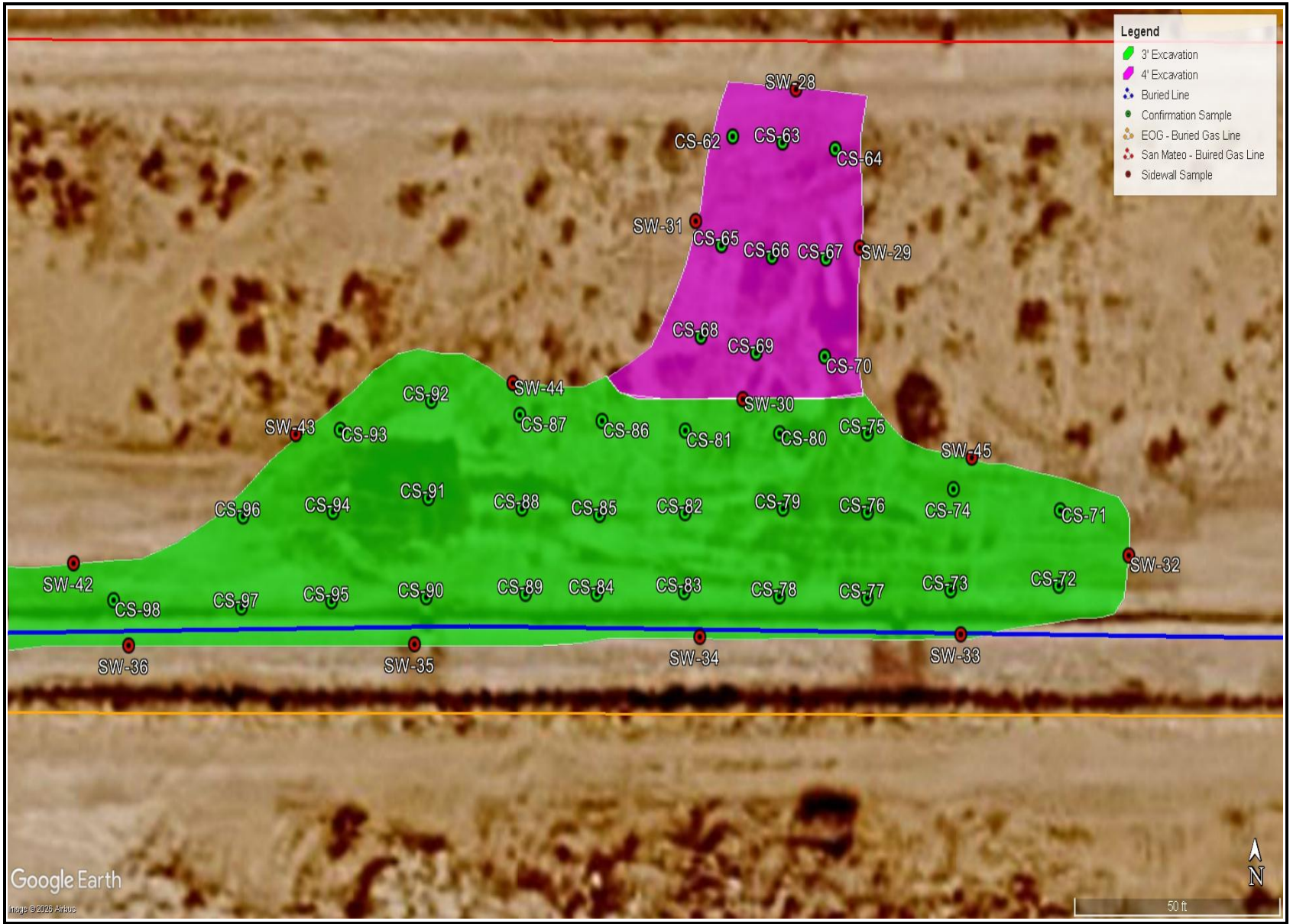
TOPOGRAPHIC MAP EOG RESOURCES DEEP ELEM RISER (10.24.25) EDDY COUNTY, NEW MEXICO 32.062389°, -103.791861°	CARMONA RESOURCES	FIGURE 2

SAMPLE LOCATION MAP EOG RESOURCES DEEP ELEM (10.24.25) EDDY COUNTY, NEW MEXICO 32.062389°, -103.791861°	CARMONA RESOURCES	FIGURE 3

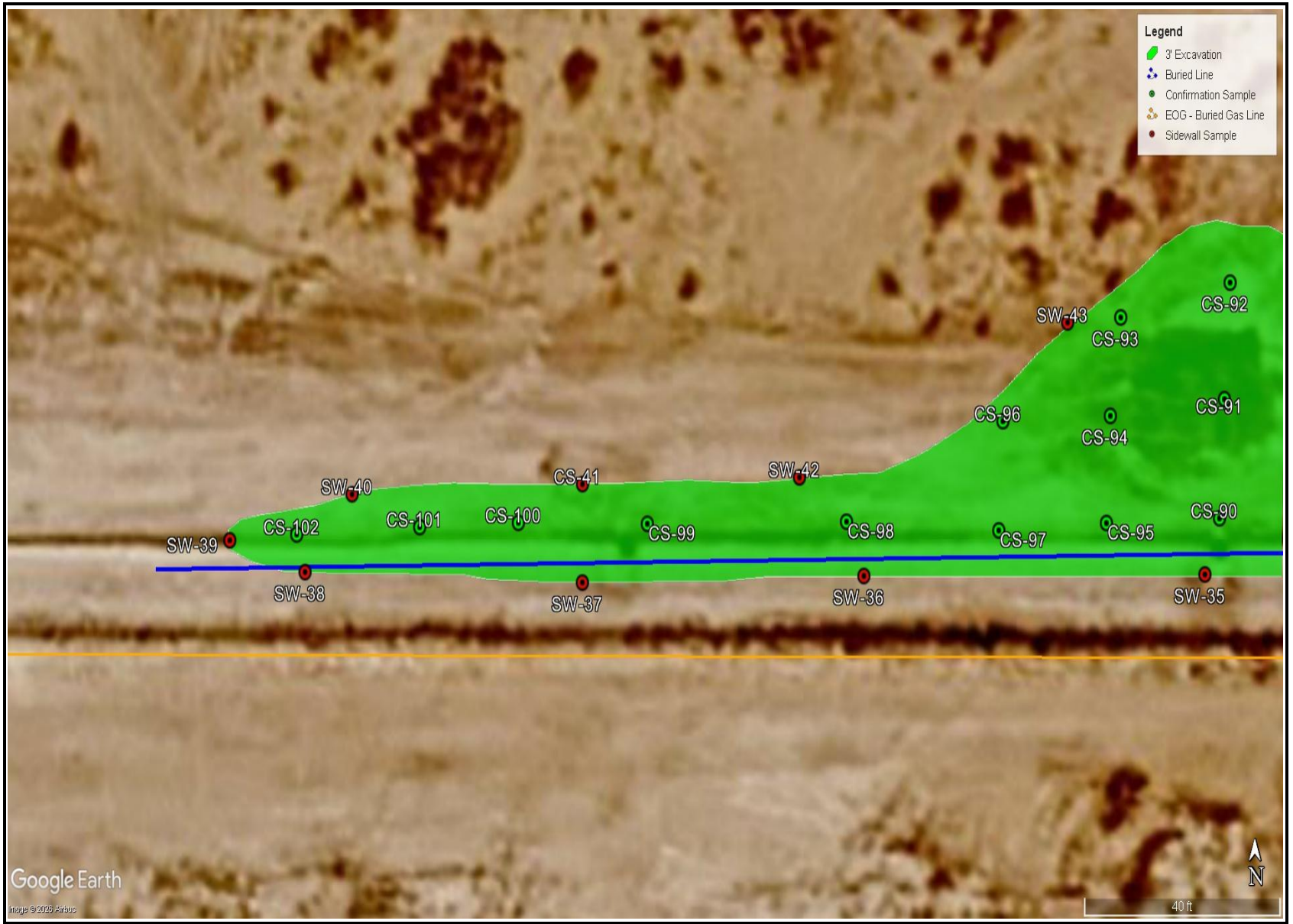


EXCAVATION DEPTH MAP EOG RESOURCES DEEP ELEM RISER (10.24.25) EDDY COUNTY, NEW MEXICO 32.062389°, -103.791861°	CARMONA RESOURCES	FIGURE 4A

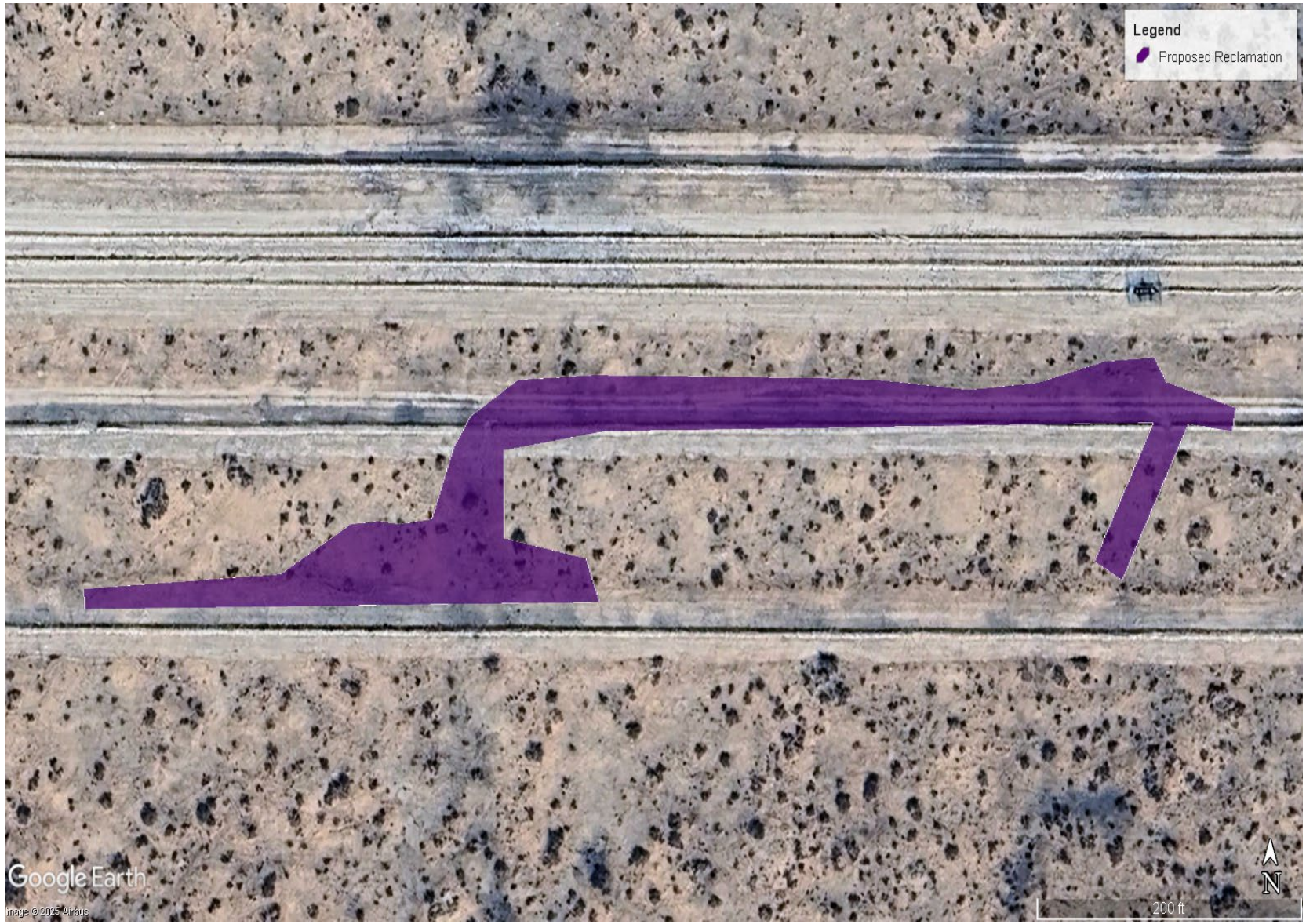
EXCAVATION DEPTH MAP EOG RESOURCES DEEP ELEM RISER (10.24.25) EDDY COUNTY, NEW MEXICO 32.062389°, -103.791861°	CARMONA RESOURCES	FIGURE 4B



EXCAVATION DEPTH MAP EOG RESOURCES DEEP ELEM RISER (10.24.25) EDDY COUNTY, NEW MEXICO 32.062389°, -103.791861°	CARMONA RESOURCES	FIGURE 4C



EXCAVATION DEPTH MAP EOG RESOURCES DEEP ELEM RISER (10.24.25) EDDY COUNTY, NEW MEXICO 32.062389°, -103.791861°	CARMONA RESOURCES	FIGURE 4D



RECLAMATION MAP EOG RESOURCES DEEP ELEM RISER (10.24.25) EDDY COUNTY, NEW MEXICO 32.062389°, -103.791861°	CARMONA RESOURCES	FIGURE 5

APPENDIX A

CARMONA RESOURCES

Table 1
EOG Resources
Deep Elem Riser (10.24.25)
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	11/18/2025	0-1'	<10.0	11.7	<10.0	11.7	<0.050	<0.050	<0.050	<0.150	<0.300	**18,100**
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**6,600**
	"	2'	<10.0	28.2	<10.0	28.2	<0.050	<0.050	<0.050	<0.150	<0.300	432
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
T-2	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**7,600**
	"	1.5'	<10.0	16.7	<10.0	16.7	<0.050	<0.050	<0.050	<0.150	<0.300	**5,600**
	"	2'	<10.0	71.1	18.3	89.4	<0.050	<0.050	<0.050	<0.150	<0.300	**6,160**
	"	3'	<10.0	61.7	22.3	84.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,490**
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
T-3	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,950**
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**880**
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,490**
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
T-4	11/18/2025	0-1'	<10.0	25.0	<10.0	25.0	<0.050	<0.050	<0.050	<0.150	<0.300	**9,760**
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**736**
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-5	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**9,200**
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**9,000**
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
T-6	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(T) - Trench Sample
Removed

Table 1
EOG Resources
Deep Elem Riser (10.24.25)
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-7	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**11,800**
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**12,900**
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**4,800**
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**736**
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
T-8	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**5,760**
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**8,320**
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**7,120**
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
T-9	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**7,200**
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**7,520**
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,550**
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
T-10	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**800**
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,260**
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,010**
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(T) - Trench Sample
Removed

Table 1
EOG Resources
Deep Elem Riser (10.24.25)
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	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	11/17/2025	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	11/17/2025	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	11/17/2025	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	11/17/2025	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	11/17/2025	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	11/17/2025	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	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-9	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-10	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-11	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-12	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(H) - Horizontal Sample

Table 2
EOG Resources
Deep Elem Riser (10.24.25)
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						
CS-1	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-3	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-4	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-5	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-6	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-7	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-8	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-9	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-10	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-11	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-12	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-13	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-14	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-15	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-16	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-17	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-18	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-19	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-20	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) - Confirmation Sample

Table 2
EOG Resources
Deep Elem Riser (10.24.25)
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						
CS-21	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-22	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-23	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-24	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-25	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-26	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-27	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-28	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-29	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-30	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-31	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-32	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-33	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-34	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-35	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-36	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-37	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-38	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-39	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS- 40	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) - Confirmation Sample

Table 2
EOG Resources
Deep Elem Riser (10.24.25)
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						
CS-41	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-42	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-43	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-44	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-45	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-46	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-47	4/16/2026	2'	<10.0	27	<10.0	27	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-48	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-49	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-50	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-51	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-52	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-53	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-54	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-55	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-56	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-57	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-58	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-59	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-60	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) - Confirmation Sample

Table 2
EOG Resources
Deep Elem Riser (10.24.25)
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						
CS-61	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-62	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-63	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-64	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-65	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-66	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-67	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-68	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-69	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-70	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-71	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-72	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-73	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-74	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-75	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-76	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-77	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-78	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-79	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-80	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) - Confirmation Sample

Table 2
EOG Resources
Deep Elem Riser (10.24.25)
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						
CS-81	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-82	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-83	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-84	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-85	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-86	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-87	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-88	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-89	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-90	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-91	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-92	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-93	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-94	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-95	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-96	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-97	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-98	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-99	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-100	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-101	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-102	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) - Confirmation Sample
(Backfill) - Backfill Sample

Table 2
EOG Resources
Deep Elem Riser (10.24.25)
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						
SW-1	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-6	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-8	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-9	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-10	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-11	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-12	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-13	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-14	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-15	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-16	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-17	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-18	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-19	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-20	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-21	4/16/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-22	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(SW) - Sidewall Sample

Table 2
EOG Resources
Deep Elem Riser (10.24.25)
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						
SW-23	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-24	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
SW-25	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-26	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
SW-27	4/16/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-28	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-29	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-30	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-31	4/16/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-32	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-33	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-34	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-35	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-36	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-37	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-38	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-39	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-40	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-41	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-42	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-43	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-44	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-45	4/23/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BackFill	4/16/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(SW) - Sidewall Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View Southwest, area of CS-1 through CS-5

Photograph No. 2

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View Northeast, area of CS-6 through CS-10

Photograph No. 3

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View Northeast, area of CS-11 through CS-25

PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View West, area of CS-26 through CS-38

Photograph No. 5

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View East, area of CS-39 through CS-49

Photograph No. 6

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View West, area of CS-50 through CS-61

PHOTOGRAPHIC LOG

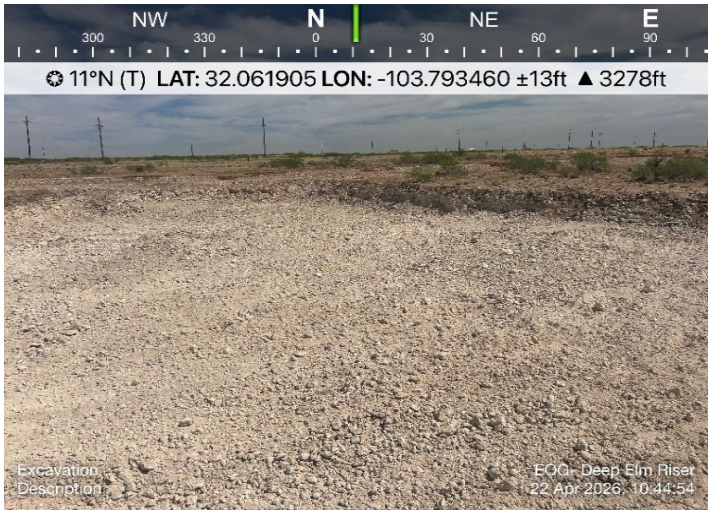
EOG Resources, Inc

Photograph No. 7

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View North, area of CS-62 through CS-70



Photograph No. 8

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View West, area of CS-71 through CS-95

Photograph No. 9

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View West, area of CS-96 through CS-99

PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 10

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View West of backfilled area

Photograph No. 11

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

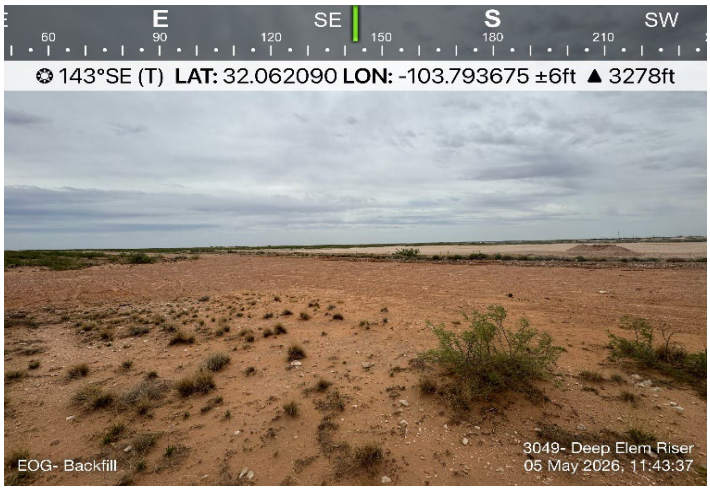
Description:
View East of backfilled area.

Photograph No. 12

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View Southeast of backfilled area.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 13

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

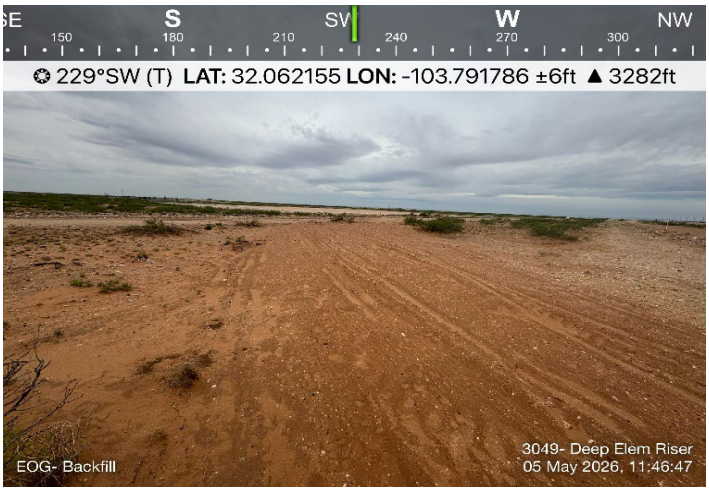
Description:
View East of backfilled area.

Photograph No. 14

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View Southwest of backfilled area.

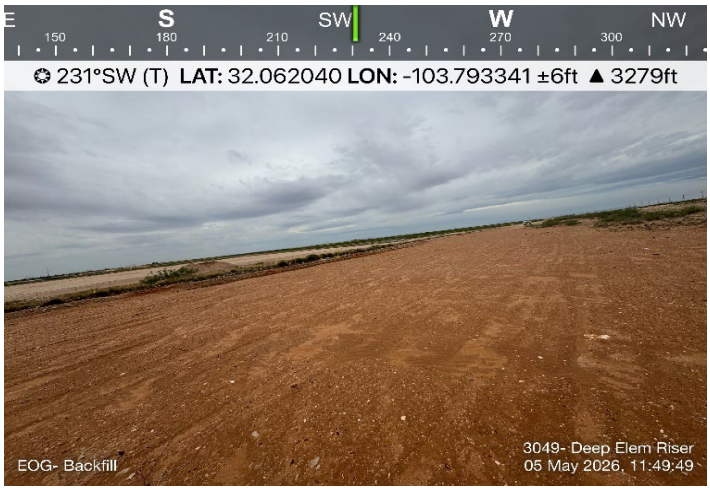


Photograph No. 15

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View Southwest of backfilled area.



APPENDIX C

CARMONA RESOURCES

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 519871
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Deep Elem Riser
Date Release Discovered	10/24/2025
Surface Owner	Federal

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

Nature and Volume of Release *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.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 450 BBL | Recovered: 430 BBL | Lost: 20 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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 519871
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 519871
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☑	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.
☑	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.
☑	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.
☑	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.
☑	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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Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 519871
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
csettle	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/24/2025

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

Location of spill: Deep Elem Riser **Date of Spill:** 10/24/2025

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: [X]

Input Data:

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

Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	115 ft	X	10 ft	X	2.00 in	0%
Rectangle Area #2	24 ft	X	530 ft	X	5.00 in	0%
Rectangle Area #3	70 ft	X	43 ft	X	5.00 in	0%
Rectangle Area #4	142 ft	X	50 ft	X	5.00 in	0%
Rectangle Area #5	65 ft	X	55 ft	X	5.00 in	0%
Rectangle Area #6	142 ft	X	16 ft	X	5.00 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0.00 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0.00 in	0%

Standing Liquid Calculations

Standing Liquid Area	width		length		liquid depth	oil (%)
Rectangle Area #1	18 ft	X	10 ft	X	3 in	0%
Rectangle Area #2	24 ft	X	60 ft	X	3 in	0%
Rectangle Area #3	70 ft	X	43 ft	X	2 in	0%
Rectangle Area #4	52 ft	X	50 ft	X	2 in	0%
Rectangle Area #5	65 ft	X	55 ft	X	3 in	0%
Rectangle Area #6	42 ft	X	16 ft	X	3 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil BBL Water 0 BBL

Did leak occur before the separator?: [ ] YES [X] N/A *(place an "X")*

Amount of Free Liquid Recovered: 430 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:

		H2O	OIL
Total Solid/Liquid Volume:	29,827 sq. ft.	12,140 cu. ft.	cu. ft.

Free Liquid Volume Calculations:

		H2O	OIL
Total Free Liquid Volume:	11,477 sq. ft.	2,401.750 cu. ft.	.000 cu. ft.

Estimated Volumes Spilled

	H2O	OIL
Liquid in Soil:	173.0 BBL	0.0 BBL
Free Liquid:	427.7 BBL	0.0 BBL
Totals:	600.712 BBL	0.000 BBL
Total Liquid Spill Liquid:	600.712 BBL	0.000 BBL

Estimated Production Volumes Lost

	H2O	OIL
Estimated Production Spilled:	0.000000 BBL	0.000000 BBL

Estimated Surface Damage

Surface Area: 29,827 sq. ft.

Surface Area: .6847 acre

Recovered Volumes

Estimated oil recovered: 0.0 BBL check - okay

Estimated water recovered: 430.0 BBL check - okay

Estimated Weights, and Volumes

Saturated Soil =	1,359,727 lbs	12,140 cu.ft.	450 cu.yds.
Total Liquid =	601 BBL	25,229.92 gallon	209,913 lbs

Released to Imaging: 6/10/2026 8:59:50 AM

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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 524112

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 524112
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Deep Elem Riser
Date Release Discovered	10/24/2025
Surface Owner	Federal

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

Nature and Volume of Release	
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.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 600 BBL | Recovered: 430 BBL | Lost: 170 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
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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 524112
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 11/06/2025

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 524112
	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.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*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
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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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 524112
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Initial C141 is approved. The remediation work plan, site characterization or remediation closure deadline is required to be submitted within 90-days from the discovery of the release. The due date to submit to OCD is no later than 01/28/2026.	11/7/2025

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QUESTIONS

Action 551625

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DEEP ELEM RISER
Date Release Discovered	10/24/2025
Surface Owner	Federal

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

Nature and Volume of Release	
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.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 600 BBL | Recovered: 430 BBL | Lost: 170 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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 02/08/2026

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (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 ½ and 1 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	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
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.	
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)	12900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
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	04/02/2026
On what date will (or did) the final sampling or liner inspection occur	05/17/2026
On what date will (or was) the remediation complete(d)	07/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	28300
What is the estimated volume (in cubic yards) that will be reclaimed	3205
What is the estimated surface area (in square feet) that will be remediated	28300
What is the estimated volume (in cubic yards) that will be remediated	3205
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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	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 **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	*Not answered.*
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	TX
What is the name of the out-of-state facility	Desert Environmental Storage, Treatment and Disposal Facility
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 02/08/2026
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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
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.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The Site Characterization and Work Plan is approved to include the following conditions of approval (COAs): 1. The request to "re-use" a previous variance request approval for depth to groundwater from the approval on August 14, 2023 is not approved to be used again. 2. Being that the incident has occurred in medium karst and depth to groundwater has not been adequately determined, the alternative sampling plan to collect confirmation samples every 500 sq. ft. is not approved. Additionally, alternative sampling plan requests are not approved for areas greater than 400 sq. ft. 3. In lieu of determining depth to groundwater, EOG may elect to utilize the most stringent standards in Table 1 of 19.15.29 NMAC. The least stringent standards in Table 1. for remediation cannot be approved at this time.	2/23/2026

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QUESTIONS

Action 572692

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572692
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	100
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/10/2026
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring @ Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572692
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/8/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/8/2026

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QUESTIONS

Action 572694

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572694
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/13/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572694
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/8/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/8/2026

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QUESTIONS

Action 572699

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572699
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/14/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572699
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/8/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/8/2026

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QUESTIONS

Action 572702

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572702
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/15/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572702
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/8/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/8/2026

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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 572708

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572708
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/16/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572708
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/8/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/8/2026

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

QUESTIONS

Action 572709

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572709
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/17/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 572709
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/8/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/8/2026

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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 576276

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576276
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/20/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576276
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/16/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/16/2026

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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 576279

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576279
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/21/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576279
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/16/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/16/2026

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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 576282

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576282
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576282
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/16/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/16/2026

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

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576286
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/23/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576286
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/16/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/16/2026

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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 576289

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576289
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**DEEP ELEM RISER**
Date Release Discovered	**10/24/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	28,300
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/24/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - Cmoehring@carmonaresources.com
Please provide any information necessary for navigation to sampling site	32.06210, -103.79348

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CONDITIONS

Action 576289

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 576289
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/16/2026
hstout	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/16/2026

APPENDIX D

CARMONA RESOURCES

Received by OCD: 6/2/2026 7:54:01 AM

Nearest Water Well

EOG RESOURCES INC

Legend

- 0.50 Mile Radius
- 0.61 Miles
- 0.80 Miles
- 0.96 Miles
- 1.13 Miles
- Deep Elem Riser (10.24.2025)
- NMSEO Water Well
- USGS Water Well

Deep Elem Riser (10.24.2025)

275.49' - Drilled 1998

150' - Gauged 2021 - Dry

292' - Drilled 1946

75' - Drilled 2020 - Dry

Google Earth

Released to Imaging: 6/10/2026 8:59:50 AM

Image © 2025 Airbus

N

4000 ft

Medium Karst

EOG RESOURCES INC

Legend

Deep Elem Riser (10.24.2025)

Medium

Deep Elem Riser (10.24.2025)

Google Earth

Released to Imaging: 6/10/2026 8:59:50 AM

Image © 2025 Airbus

N

4000 ft

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 01777		C	ED				08	26S	31E	613245.0	3547409.0 *		984	325	300	25
C 02248		CUB	ED	NW	NE	SW	08	26S	31E	612942.0	3547316.0 *		1288	300	292	8
C 02249		CUB	ED	NW	NE	SW	08	26S	31E	612942.0	3547316.0 *		1288	300	292	8
C 04700 POD1		CUB	ED	NE	NW	NE	10	26S	31E	616735.9	3548154.5		2699			
C 04966 POD1		CUB	ED	SE	SE	SW	10	26S	31E	616736.2	3548154.5		2700	105		
C 04769 POD1		CUB	ED	NE	NW	NE	21	26S	31E	615225.4	3544832.5		3371	101		
C 04693 POD1		CUB	ED	SW	SE	NE	13	26S	30E	610616.8	3545930.8		3995			

Average Depth to Water: **294 feet**

Minimum Depth: **292 feet**

Maximum Depth: **300 feet**

Record Count: 7

UTM Filters (in meters):

Easting: 614041.00

Northing: 3547989.00

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.

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01777				08	26S	31E	613245	3547409*

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

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New Mexico Office of the State Engineer

Point of Diversion Summary

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

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

File No. C-4375

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well (Pump test)	☐ Construction Site/Public Works Dewatering	☒ Other(Describe): Geotechnical Boring
☐ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☒ Temporary Request - Requested Start Date: 10/17/2019 Requested End Date: 10/17/2019

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

Name: EOG Resources, Inc.	Name:
Contact or Agent: check here if Agent ☐ White Drilling Company, Inc.	Contact or Agent: check here if Agent ☐
Mailing Address: P.O. Box 906	Mailing Address:
City: Clyde	City:
State: TX Zip Code: 79510	State: Zip Code:
Phone: 432-290-8446 ☐ Home ☒ Cell Phone (Work):	Phone: ☐ Home ☐ Cell Phone (Work):
E-mail (optional): office@whitedrilling.com	E-mail (optional):

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

File No.: C-4375	Trn. No.: 661206	Receipt No.: 2-41313
Trans Description (optional):	POD1	
Sub-Basin: CUB	PCW/LOG Due Date: 10-31-20	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range*) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-4375 POD1	32 02 54.89	103 47 21.34	NW1/4 NW1/4, 16, 26 South, 31 East

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ☐ No If yes, how many_____

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: NM State Land Office Lease info attached.

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☐ No
If yes, how many_____

Approximate depth of well (feet): 75'	Outside diameter of well casing (inches): 2"
Driller Name: Dallas Rader	Driller License Number: WD-1456

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Geotechnical Soil Boring

FOR OSE INTERNAL USE Application for Permit, Form WR-07

File No.: C-4375	Trn No.: 661206

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: ☐ Include a description of any proposed pump test, if applicable.	**Pollution Control and/or Recovery:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	**Construction De-Watering:** ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	**Mine De-Watering:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ■ Include the reason for the monitoring well, and, ■ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), John White
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☐ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 22 day of October 20 19, for the State Engineer,

John R. D'Antonio, Jr., P.E., State Engineer

By: Tim Williams
Signature Print

Title: Tim Williams, Supervisor/Pecos River Watermaster
Print

FOR OSE INTERNAL USE Application for Permit, Form WR-07

File No.: C-435	Trn No.: 661206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

17-1A Depth of the well shall not exceed the thickness of the valley fill.

17-4 No water shall be appropriated and beneficially used under this permit.

17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

Trn Desc: C 04375 POD1

File Number: C 04375
Trn Number: 661206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

17-Q The State Engineer retains jurisdiction over this permit.

17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

LOG The Point of Diversion C 04375 POD1 must be completed and the Well Log filed on or before 10/31/2020.

IT IS THE PERMITTEES RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

SHOULD THE PERMITTEE CHANGE THE PURPOSE OF USE TO OTHER THAN MONITORING PURPOSES, AN APPLICATION SHALL BE ACQUIRED FROM THE OFFICE OF THE STATE ENGINEER.

Trn Desc: C 04375 POD1

File Number: C 04375
Trn Number: 661206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 10/10/2019 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

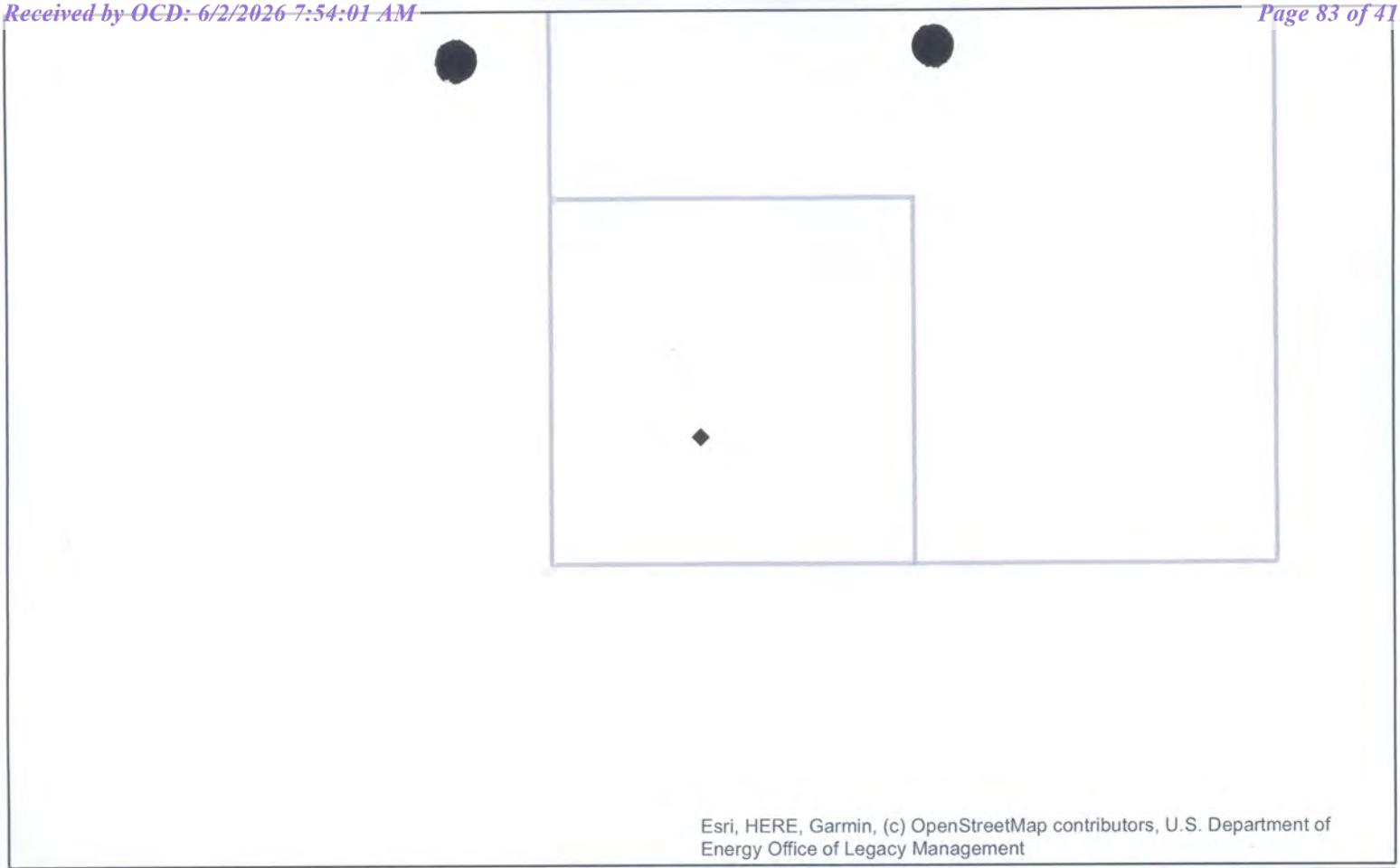
Witness my hand and seal this 22 day of Oct A.D., 2019

John R. D Antonio, Jr., P.E., State Engineer

By: Tim Williams
Tim Williams

Trn Desc: C 04375 POD1

File Number: C 04375
Trn Number: 661206



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 614305.037

Northing 3546460.836

State Plane - NAD 83 (f) - Zone E

Easting 709908.374

Northing 381834.443

Degrees Minutes Seconds

Latitude 32 : 2 : 54.890000

Longitude -103 : 47 : 21.340000

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:2,257

ft

0 45 90 180

N

YMENDIOLA

Office of the State Engineer Interstate Stream Commission

Reasonable efforts have been made by the New Mexico Office of the State Engineer (OSE) to verify that these maps accurately integrate the source data used in their preparation. However, a degree of error is inherent in all maps, and these maps may contain omissions and errors in scale, resolution, rectification, positional accuracy, development methodology, interpretation of source data, and other circumstances. These maps are distributed "as is" without warranty of any kind.

Spatial Information

County: Eddy

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad
Carlsbad Underground Basin

Land Grant:
Not in Land Grant

Restrictions:
NA

PLSS Description
SWNENWNW Qtr of Sec 16 of 026S 031E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information

UPC/DocNum: 4-183-153-268-235

Parcel Owner: STATE OF NEW MEXICO

Address:

Legal: Quarter: NE S: 16 T: 26S R: 31E Quarter: NW S: 16 T: 26S R: 31E Quarter: SW S: 16 T: 26S R: 31E Quarter: SE S: 16 T: 26S R: 31E ALL SEC MAP#397-23

POD Information

Owner: EOG RESOURCES/ST LAND

File Number: C-4375 POD1

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose: BORING

Calculated PLSS

Coord Search Location

OSE District Boundary

SiteBoundaries

Sample Locations

Well

Abandoned Well

Oil, Gas Well

Abandoned Oil, Gas Well

Surface

Surface/Sedi...

Sediment

Precipitation Gauge

Abandoned Precipitation Gauge

Air Particulate

Abandoned Air Particulate

Treatment System

Abandoned Treatment System

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 661206
File Nbr: C 04375 POD1

Oct. 22, 2019

JOHN WHITE DRILLING CO INC
EOG RESOURCES INC
PO BOX 906
CLYDE, TX 79510

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

* If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.

* If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.

* The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.

* This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

Tim Williams
(575)622-6521

Enclosure

explore

Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands
310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

September 30, 2019

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

Attn: Wesley Moss

Re: Right-of-Entry Permit No.: RE-4685 (Ross Draw Re-Use Pit)

Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Anthony Vigil at 505-827-5710.

Sincerely,

Stephanie Garcia Richard 10/3

Stephanie Garcia Richard
Commissioner of Public Lands

SGR/av

Enclosures

STATE OF NEW MEXICO
COMMISSIONER OF PUBLIC LANDS
RIGHT OF ENTRY # 4685

This Agreement is made and entered into between the COMMISSIONER OF PUBLIC LANDS ("Commissioner") and

Wesley Moss
EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

("Permittee"). Permittee desires to **conduct geotechnical investigations** on the land described below (the "Property") which is under the jurisdiction of the Commissioner.

The parties agree as follows:

1. RIGHT OF ENTRY (ROE).

The Commissioner grants to Permittee, its authorized representatives, contractors and subcontractors, permission to use, including right of ingress and egress, for the sole purpose of conducting geotechnical investigations on the following described lands (the "Property") situated in **Eddy** County, New Mexico:

Subdivision (Qtr/Qtr)	Section	Township	Range	Lat/Long Coordinates
NW ¼ NW ¼	**16**	**26 South**	**31 East**	**32 02'54.89 103 47'21.34**

2. TERM AND TERMINATION.

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands.

3. COMPENSATION.

On or before the effective date of this Agreement, Permittee shall pay to the Commissioner as consideration for this ROE Permit $500.00 (Five hundred dollars), plus an application fee of $50.00 (Fifty dollars).

Payment of all sums due the Commissioner by the Permittee under the terms of this Agreement shall be made at the Office of the Commissioner of Public Lands, 310 Old Santa Fe Trail, Post Office Box 1148, Santa Fe, New Mexico 87504-1148.

4. CONDITIONS OF USE

A. The issuance of this ROE does not guarantee that any subsequent lease, permit or any other instrument will be issued for this property being investigated.
B. No blading or widening of any two-track dirt roads that provides access to the above described property (Property) is permitted under this ROE.
C. No sale of any material extracted from the Property is allowed under this ROE.
D. Authorized party shall observe all applicable federal, state and local laws and regulations.
E. Authorized party shall take all reasonable precautions to prevent and suppress forest, brush and grass fires and prevent pollution of waters on or in the vicinity of the Property.
F. Authorized party shall not block or disrupt roads or trails commonly in use.
G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and affect.
H. Authorized party shall be responsible for repair and restitution for damage to any property or improvements as a result of activities related to this ROE.
I. Prior to execution of project, Permitee must identify and contact all existing surface lessees. The granting of this permit does not allow access across private lands.

5. SURFACE RECLAMATION AND RESTORATION

A. Drilling, excavation and other surface disturbing activities shall be restricted to areas deemed to have no archaeological significance.
B. Access to the Property shall be over existing roads. No upgrading of the existing roads shall be done, except as necessary for the ingress and egress of required vehicles.
C. All topsoil from the areas to be disturbed shall be stockpiled for use in reclamation.
D. Upon completion of the use and operations permitted by this ROE, all disturbed sites shall be re-contoured to approximate the original contours.
E. All material removed by excavation shall be replaced into the test holes, with the exception of an adequate sample, on or before the expiration date of this ROE.
F. The natural environmental conditions that exist contemporaneously with this grant shall be preserved and protected. All applicable environmental and cultural resource protection laws and regulations shall be complied with and such reclamation or corrective actions as may be necessary to conduct geotechnical investigations consistent with safe and sound environmental management principles and practices shall be taken in order to protect the Property from any pollution, erosion or other environmental degradation and to avoid diminishing the value of the Property for any future use.

6. INDEMNITY

Authorized party shall save, hold harmless, indemnify and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including but not limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of:

A. The operations or presence on the Property, or on adjacent or proximate state trust lands, including those used to access the Property for the purposes of this Authorization, of Authorized party or authorized party's employees, agents, contractors or invitees;

B. The activities of third parties on the Property, or on adjacent or proximate state trust lands, including those used to access the Property or other adjacent or proximate state trust lands, whether with or without Authorized party's knowledge or consent;

C. Any Hazardous Materials located in, under, upon or otherwise affecting the Property or adjacent or proximate state trust lands, regardless of their point of origin or date of contamination.

7. STORAGE AND DISPOSAL OF MATERIALS.

Permittee shall not dispose of any trash, debris or waste materials on the Property or allow others to do so and shall remove all trash, debris and waste materials caused by their operations on the Property. This prohibition does not prevent the stockpiling or storage of spoil that results from geotechnical investigations on the Property for use in reclamation of the Property. Except as provided below, Permittee shall not cause or permit any Hazardous Materials to be brought upon or across, or to be used, kept, stored, generated or disposed of in, under or upon, the Property. As used in this Permit, Hazardous Materials includes, but is not limited to, oil, petroleum products, explosives, PCBs, asbestos, formaldehyde, radioactive materials or waste, or other hazardous, toxic, contaminated, or polluting materials, substances or wastes, including without limitation any materials defined as, or listed as, "hazardous substance", "hazardous waste", "hazardous material", "toxic substances" or "regulated substances" under any federal, state, or local laws, ordinances or regulations relating to landfills, industrial hygiene, environmental protection, or the manufacture, use, generation, presence, analysis, transportation, handling, storage, treatment, or disposal of any such material or materials.

This prohibition is not intended to prevent the use or temporary storage of reasonable amounts of oil, petroleum products, explosives, or materials required for the use of such items such as storage drums and filters, necessary for Permittee's ordinary day-to-day operations under the terms of this Agreement, provided such materials are used and stored in compliance with all applicable laws and regulations.

8. LEAKS AND SPILLS.

Due care shall be used to prevent leaks and spills of oil, and petroleum products used in Permittee's operations.

Permittee shall at Permittee's sole expense report and cleanup all leaks and spills on the Property in accordance with state, federal and local law, including but not limited to: discharges of water contaminants pursuant to the New Mexico Water Quality Control Commission regulations (20 NMAC 6.2.1203); hazardous substance incidents pursuant to the New Mexico Environmental Improvement Board Hazardous Waste Management Regulations (20 NMAC 4.1.1 et seq.); and releases of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. § 9603). Permittee shall notify Commissioner within twenty-four (24) hours of any reports made pursuant to this paragraph 7.

9. TECHNICAL DATA.

Permittee shall provide to the Commissioner reports of all technical data produced as a result of the geotechnical investigations allowed by this Agreement. Technical data to be reported to the Commissioner may include, but is not limited to: a scaled plat showing the locations, number and depth of all excavated or drilled holes with respect to the boundaries of the Property covered by this Agreement; the amount of land disturbed measured in square feet; a description of top soil depth, overburden depth, and the thickness of the aggregate; copies of any laboratory analyses performed on the aggregate, and estimates of the volume of aggregate. Such reports shall be submitted to the Commissioner within **thirty (30)** days of the expiration of this Agreement.

The Commissioner, in his discretion, may not issue a lease to Permittee for any portion of the Property covered by this Agreement if the Permittee fails to fulfill this obligation.

All reports, notices, or other written correspondence shall be submitted to Right of Way Manager, Commercial Division, State Land Office, and P.O. Box 1148, Santa Fe, NM 87504-1148.

10. SURVIVAL OF TERMS.

Permittee's obligations under paragraphs governing indemnity, storage and disposal of materials, surface reclamation and restoration, compliance with applicable standards and laws, and submittal of reports of technical data, shall survive the termination, cancellation or relinquishment of this Agreement, and any cause of action of the Commissioner to enforce any right, liability, claim, loss, damage or expense under those paragraphs shall not be deemed to accrue until the Commissioner's actual discovery of said right, liability, claim, loss, damage or expense.

WITNESS the hands and seals of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

Wendy Dalton Telephone: _____
PERMITTEE: EOG Resources Inc.

ACKNOWLEDGMENT

STATE OF TEXAS)

COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 25th day of September, 20 19.

My Commission Expires: 01-23-2022 _____
NOTARY PUBLIC

TAYLOR BELLOWS
Notary Public, State of Texas
Comm. Expires 01-23-2022
Notary ID 131418722

Stephanie Garcia Richard /JS DATE: 10/03/2019
COMMISSIONER OF PUBLIC LANDS

COMMISSIONER OF PUBLIC LANDS
STATE OF NEW MEXICO

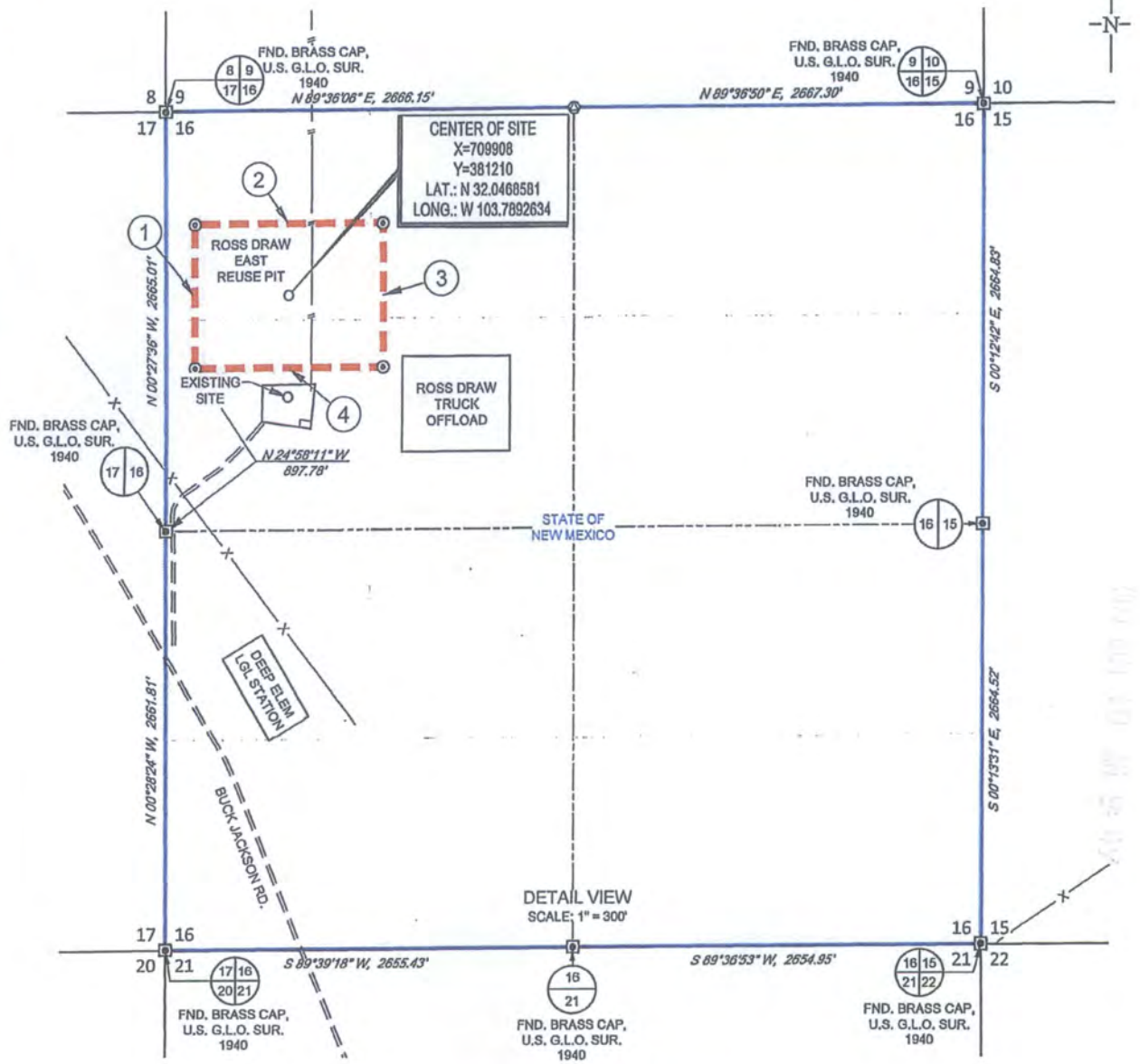
RE-4685

SCALE: 1" = 1000'

0' 500' 1000'

SKETCH

SECTION 16, TOWNSHIP 26-S, RANGE 31-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LINE TABLE

LINE	BEARING	DISTANCE
1	N 00°24'31" W	910.02'
2	N 89°35'39" E	1225.02'
3	S 00°24'32" E	910.02'
4	S 89°35'39" W	1225.02'

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- SIXTEENTH SECTION LINE
- PROPOSED SITE
- TRACT BORDER
- ROAD WAY
- FENCE LINE
- EXISTING PIPELINE
- IRON ROD SET
- MONUMENT
- CALCULATED CORNER

eog resources, inc.

ROSS DRAW EAST RE-USE PIT	REVISION: INT	DATE
DATE: 8/1/19		
FILE: SK_ROSS_DRAW_EAST_REUSE_PIT		
DRAWN BY: C.E.S.		
SHEET: 1 OF 1		

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

S:\SURVEY\EOG_MIDLAND\RED_HILLS_REUSE_PITS\FINAL_PRODUCTS\ROSS DRAW EAST\SK_ROSS_DRAW_EAST_REUSE_PIT.DWG 8/1/2019 12:30:31 PM csmith5

WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-4375 POD1

Name of well owner: EOG Resources, Inc.

Mailing address: 5509 Champions Drive County: Midland

City: Midland State: Texas Zip code: 79706

Phone number: (432) 556-2792 E-mail: Galan_Kelly@eogresources.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: John W. White

New Mexico Well Driller License No.: WD-1456 Expiration Date: 09/30/2020

IV. WELL INFORMATION: ☐ **Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 05 min, 54.89 sec
Longitude: 103 deg, 47 min, 21.34 sec, NAD 83

2) Reason(s) for plugging well(s):

If water is encountered during geotechnical drilling

3) Was well used for any type of monitoring program? No If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? _____ If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: _____ feet below land surface / feet above land surface (circle one)

6) Depth of the well: 75 feet

7) Inside diameter of innermost casing: 2 inches.

8) Casing material: Sch. 40 PVC if needed to check water level only for 24 hours

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: _____

☒ a well screen or perforated pipe, state the screened interval(s): 70-80

10) What annular interval surrounding the artesian casing of this well is cement-grouted? _____

11) Was the well built with surface casing? _____ If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:

12) Has all pumping equipment and associated piping been removed from the well? _____ If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Pump Mix w/trimie pipe from bottom to top

2) Will well head be cut-off below land surface after plugging? _____

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: 12.75 gallons

4) Type of Cement proposed: Type 2 Portland Cement w/5% quick gel

5) Proposed cement grout mix: 6 gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____ batch-mixed and delivered to the site

X mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

8) Additional notes and calculations:

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

VIII. SIGNATURE:

I, _____, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

_____ 10-9-19

Signature of Applicant Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

✓ Approved subject to the attached conditions.
_____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 22 day of October, 2019

John R. D'Antonio Jr. P.E., New Mexico State Engineer

By: _____
Tim Williams, Supervisor/Pecos River Watermaster

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			0
Bottom of proposed interval of grout placement (ft bgl)			75
Theoretical volume of grout required per interval (gallons)			12.75
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			6
Mixed on-site or batch-mixed and delivered?			mixed on site
Grout additive 1 requested			5% quick gel
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

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

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- 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

Table of data
Tab-separated data
Graph of data
Reselect period

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 measur
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		

Received by OCD: 6/2/2026 7:54:01 AM

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

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.

Questions or Comments
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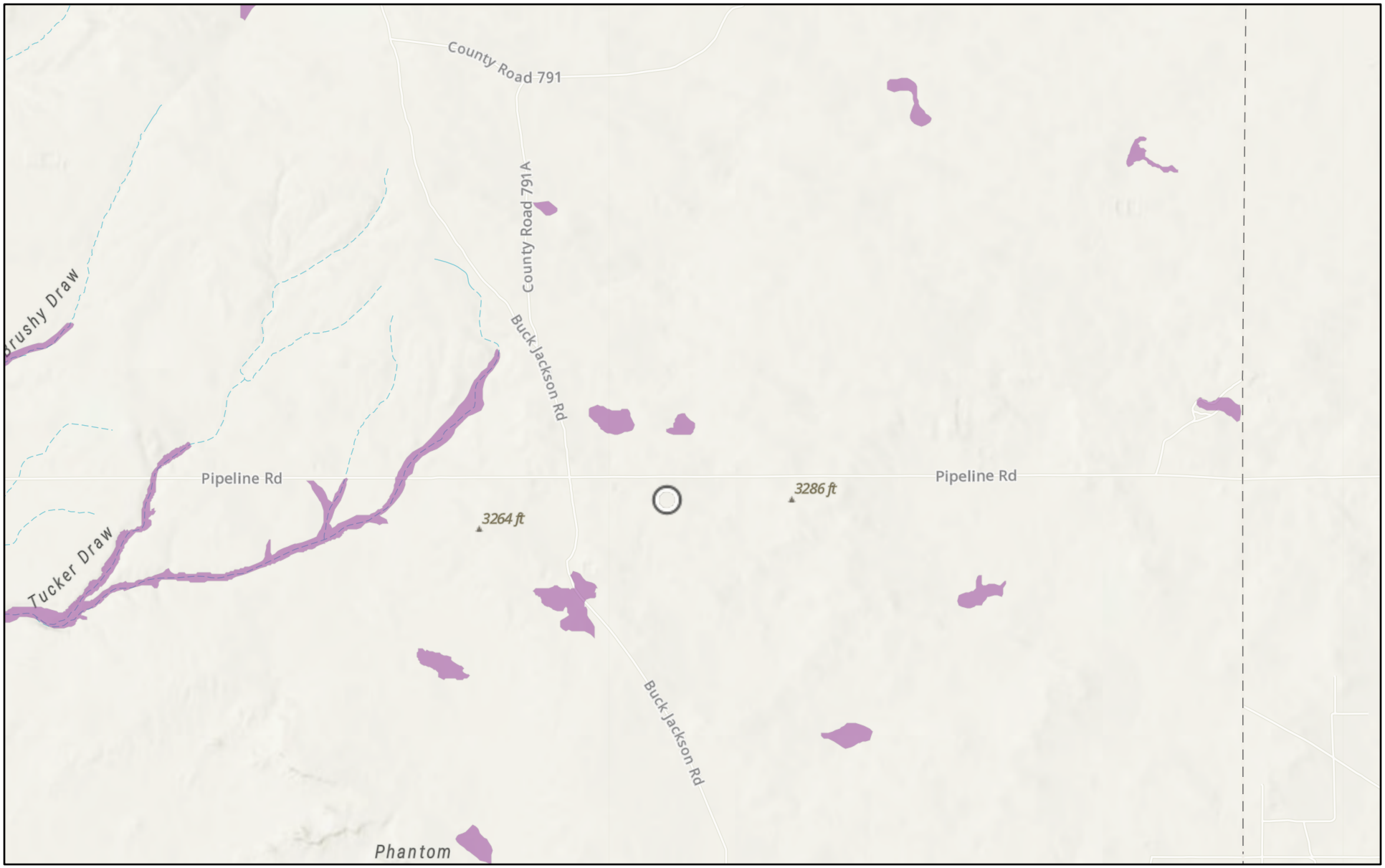
Accessibility FOIA Privacy Policies and Notices
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2023-07-31 10:51:09 EDT
0.28 0.24 nadww02

Released to Imaging: 6/10/2026 8:59:50 AM

Deep Elem Riser (10.24.2025)



10/26/2025

USA Flood Hazard Areas

1% Annual Chance Flood Hazard

World_Hillshade

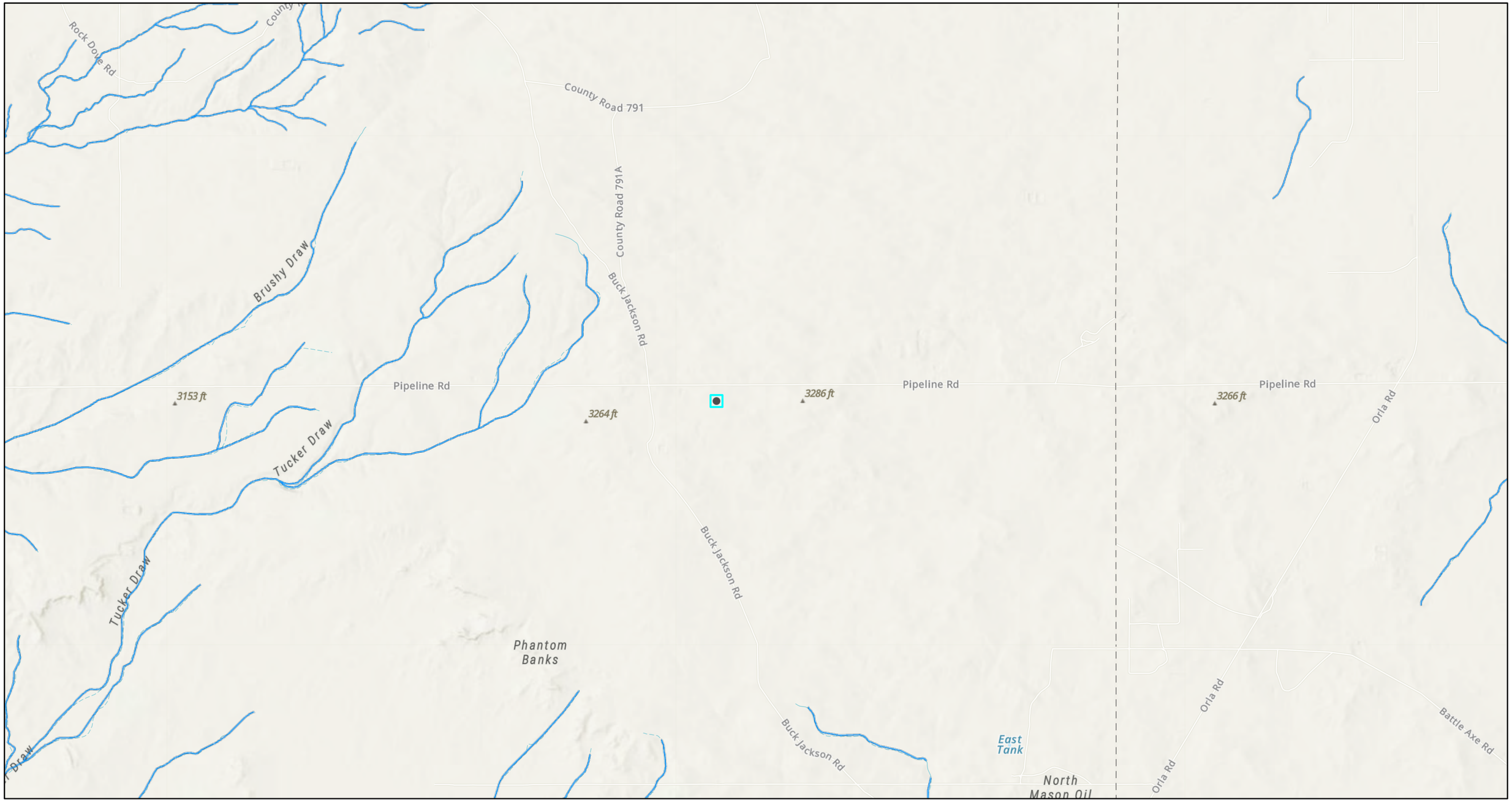
1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

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

Deep Elem Riser (10.24.2025)



10/27/2025, 8:45:49 AM

OSE Streams

1:72,224

0 0.75 1.5 3 mi

0 1.25 2.5 5 km

Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE

GOSHAWK ENVIRONMENTAL CONSULTING, INC.

3 October 2025

Mr. Mike Yemm
EOG Resources, Inc.
5509 Champions Drive
Midland, TX 79706

Re: Deep Elem AST Release - Comprehensive Resource Review
Eddy County, New Mexico

EXECUTIVE SUMMARY

The Deep Elem AST Release did not impact any sensitive natural or cultural resources. A field investigation did not reveal Waters of the US (WATERS), karst resources, Threatened or Endangered (T/E) species, or other sensitive species.

BACKGROUND

Goshawk Environmental Consulting, Inc. (Goshawk) conducted a comprehensive resource review for the Deep Elem AST Release in Eddy County, New Mexico. The Deep Elem AST Release has an area of approximately 1.66 acres (proposed remediation).

The proposed remediation is situated on federally owned land within Sections 4 and 9 of Township 26S, Range 31E (Figure 1). This resource review included a desktop review of ecological resources (including WATERS, T/E Species, and sensitive plant and animal species), karst resources, and cultural resources. Sensitive species considered during the desktop review included burrowing owls and raptors, and potential habitat for Scheer's beehive cactus, Wright's waterwillow, gypsum milkvetch, and Tharp's blue-star (special status plant species [SSPS]).

The proposed remediation area was addressed by previous field investigations for previous projects in the same area. The purpose of these investigations was to evaluate whether the proposed remediation contained any protected/sensitive resources, the approximate size and location of identified protected/sensitive resources, and associated development constraints, if applicable.

ECOLOGICAL RESOURCE REVIEW

WATERS OF THE US

Goshawk evaluated the proposed remediation to determine if any WATERS, as regulated by the US Army Corps of Engineers (USACE), are present. The US Geological Survey (USGS) Phantom Banks, New Mexico topographic quadrangle (Figure 2) indicates the proposed remediation is located entirely within grasslands (white background). The terrain is relatively flat with an elevation range of approximately 3,260 to 3,280 feet above mean sea level. There are no potential WATERS indicated within the proposed remediation on the topographic map. The nearest mapped water feature is an unnamed tributary, located approximately 1.5 miles west of the proposed remediation. An unimproved road is also mapped intersecting the center of the proposed remediation.

The aerial orthoimagery (Figure 3) indicates the proposed remediation is within a shrubland vegetative community. The unimproved road indicated on the topographic map is visible on the aerial orthoimagery as a caliche road. Additional oil/gas development, such as unimproved roads, pipeline rights-of-way, and pads, is evident intersecting, adjacent to, and in the vicinity of the proposed remediation.

FIELD INVESTIGATIONS

According to the field investigations, terrain within the proposed remediation is relatively flat to gently sloping (Photo 1). The vegetative community observed during the field investigations was consistent with that shown in the aerial orthoimagery. Vegetation was dominated by shrubs, intermixed with grasses and forbs (Photo 2). Species observed include honey mesquite, gramma, and broom snakeweed. No potential WATERS were noted during the field investigations. No impacts to USACE regulated WATERS are likely to occur within the proposed remediation.

SPECIES OF CONCERN

THREATENED OR ENDANGERED SPECIES

The proposed remediation was evaluated for both federally and state-listed T/E species. An internet search of the US Fish and Wildlife Service (USFWS) *Information for Planning and Consultation* (IPaC) screening tool was used to identify federally listed T/E species "that should be considered as part of an effects analysis" for areas within 5 miles of the proposed remediation (Table 1). Critical habitat for these species is not mapped within the proposed remediation. Additionally, a report from the New Mexico Department of Game and Fish (NMDGF) Biota Information System of New Mexico (BISON-M) was obtained and reviewed for Eddy County (Table 2).

Table 1: IPaC 5-mile Report

Species	Status	Impacts Expected	Observed?
Birds			
Lesser prairie-chicken	Federally listed	No	No
Northern aplomado falcon	Federally listed	No	No
Piping plover	Federally listed	No	No
Rufa red knot	Federally listed	No	No

Table 2: BISON-M Eddy County List of Threatened or Endangered Species

Species	Status	Impacts Expected	Observed?
Birds			
Lesser prairie-chicken	Federally and State-listed	No	No
Common ground-dove	State-listed	No	No
Yellow-billed cuckoo	Federally listed	No	No
Lucifer hummingbird	State-listed	No	No
Broad-billed hummingbird	State-listed	No	No
Piping plover	Federally and State-listed	No	No

Species	Status	Impacts Expected	Observed?
Rufa red knot	Federally listed	No	No
Least tern	State-listed	No	No
Neotropic cormorant	State-listed	No	No
Brown pelican	State-listed	No	No
Bald eagle	State-listed	No	No
Common black hawk	State-listed	No	No
Mexican spotted owl	Federally listed	No	No
Northern aplomado falcon	Federally and State-listed	No	No
Peregrine falcon	State-listed	No	No
Northern beardless-tyrannulet	State-listed	No	No
Thick-billed kingbird	State-listed	No	No
Southwestern willow flycatcher	Federally and State-listed	No	No
Bell's vireo	State-listed	No	No
Gray vireo	State-listed	No	No
Baird's sparrow	State-listed	No	No
Varied bunting	State-listed	No	No
Mammals			
Least shrew	State-listed	No	No
Spotted bat	State-listed	No	No
Reptiles & Amphibians			
Western river cooter	State-listed	No	No
Dunes sagebrush lizard	Federally and State-listed	No	No
Gray-banded kingsnake	State-listed	No	No
Yellow-bellied water snake	State-listed	No	No
Arid land ribbonsnake	State-listed	No	No
Mottled rock rattlesnake	State-listed	No	No
Western narrow-mouth toad	State-listed	No	No
Fish			
Pecos bluntnose shiner	State-listed	No	No
Blue sucker	State-listed	No	No
Gray redhorse	State-listed	No	No
Mexican tetra	State-listed	No	No
Pecos pupfish	State-listed	No	No
Pecos gambusia	Federally and State-listed	No	No
Greenthroat darter	State-listed	No	No
Bigscale logperch	State-listed	No	No
Invertebrates			

Species	Status	Impacts Expected	Observed?
Ovate vertigo snail	State-listed	No	No
Pecos springsnail	State-listed	No	No
Texas hornshell	Federally and State-listed	No	No

Federally Listed Species

The T/E species listed in the IPaC Trust Resource Report for areas within 5 miles of the proposed remediation are the lesser prairie-chicken, northern aplomado falcon, piping plover, and Rufa red knot.

The lesser prairie-chicken (LPC) in southeast New Mexico occupy dry grasslands that contain shinnery oak and/or sand sagebrush. They are most commonly found in areas with sandy soils and a mixed-grass vegetative community; however, they have been known to occupy areas with clay or loamy soils and a short-grass vegetative community. They are occasionally found in farmland and smaller fields, particularly in winter. The LPC and shinnery oak are sometimes considered ecological partners, as their current geographic ranges are nearly congruent. LPC population densities are greater in shinnery oak habitat than in sand sagebrush habitat. The proposed remediation is within an area heavily fragmented by oil and gas infrastructure. Therefore, impacts to this species are not anticipated.

The northern aplomado falcon is listed for many coastal and West Texas counties, as well as New Mexico counties (including Eddy County) within its historic range. Historically, the falcon utilized open desert grasslands and/or savannas in West Texas, where scattered shrubs and trees provided roosting and nesting locations. Although scattered shrubs are present along the proposed remediation, land use in this area (heavy cattle grazing and oil/gas production) likely precludes the northern aplomado falcon from utilizing the proposed remediation vicinity.

According to the USFWS IPaC, the piping plover and Rufa red knot are conditional and only need to be considered for wind-related projects within the migratory routes of these species. Although these species occasionally stop at points along migration routes, use of the proposed remediation would be unlikely, due to the lack of suitable habitat.

Burrowing Owls and Raptors

Burrowing owls are considered a species of concern by the USFWS. Burrowing owls are generally associated with dry, open plains; however, they also utilize grasslands, shrublands, and human-modified landscapes. They depend on burrows that were previously excavated by other animals, such as prairie dogs, badgers, ground squirrels, and foxes. Although they are migratory, some individuals will over-winter in southeast New Mexico. Raptors and their active nests are protected by the Migratory Bird Treaty Act. A variety of species can potentially occur in southeast New Mexico, occupying many different habitat types. Most often, raptors build a large stick nest, typically in taller trees and shrubs.

No burrowing owls, raptors, or nests were observed during the field investigations.

SCHEER'S BEEHIVE CACTUS

Scheer's beehive cactus is a Bureau of Land Management (BLM) Special Status Species (Sensitive) and a New Mexico State Endangered species. This species sparsely occupies calcareous gravelly to loamy soils in desert grassland and Chihuahuan desert scrub, usually in slightly sloping to nearly level areas between 3,000 and 3,600 feet in elevation, on or surrounding limestone or gypsum benches, hills, and bajadas. The Scheer's beehive cactus is found within Brewster, Crockett, Loving, Pecos, Reeves, Terrell, and Ward counties, Texas; and Chaves, Lea, and Eddy counties, New Mexico. An extensive survey utilizing linear transects within a 200-meter buffer, during the field investigations, did not reveal any Scheer's beehive cactus (Figure 4). No direct impacts to this species are expected.

KARST RESOURCES

The proposed remediation is within gypsum karst terrain, which is characterized by underground drainage through enlarged solutional conduits. Gypsum karst terrains may contain sinkholes, sinking streams, caves, and springs, known as karst features. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers in the region.

Sinkholes and cave entrances collect water and often accumulate rich, organic materials and soils. The stable microclimate near cave entrances supports a greater diversity and density of plant life, which provides habitat for a greater diversity and density of wildlife. The interior of caves supports a large variety of troglobitic, or cave environment-dependent species. The troglobitic species have adapted specifically to the cave environment, due to constant temperatures, constant high humidity, and total darkness.

The proposed remediation occurs within a medium karst potential occurrence zone as mapped by the BLM (Figure 5). Medium karst potential occurrence zones contain known soluble rocks within 300 feet of the surface with shallow insoluble overburden or soils that could mask surface features. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff.

The proposed remediation was addressed by multiple previous surveys for previous projects in the same area (Figure 6). These surveys did not reveal any surface evidence of karst features within 200 meters of the proposed remediation.

CULTURAL RESOURCES REVIEW

Cultural resources on public lands, including archaeological sites and historic properties, are protected by federal law and regulations (Section 106 of the National Historic Preservation Act and the National Environmental Policy Act). A Class III cultural resource inventory was conducted on 3 August 2023 during New Mexico Cultural Resources Information System Activity 153554 to identify any resources eligible for listing on the National Register of Historic Places. No historic properties were identified within the proposed remediation.

SUMMARY

Based on the results of the comprehensive resource review, it is Goshawk's opinion that the release occurring near the Deep Elem AST did not cause impact any ecological resources, karst resources, or cultural resources. Therefore, remediation of the Deep Elem AST can proceed as planned. Please note that continued diligence is needed during remediation to minimize impacts to resources. If you have any questions or desire additional information, please contact our office.

Sincerely,

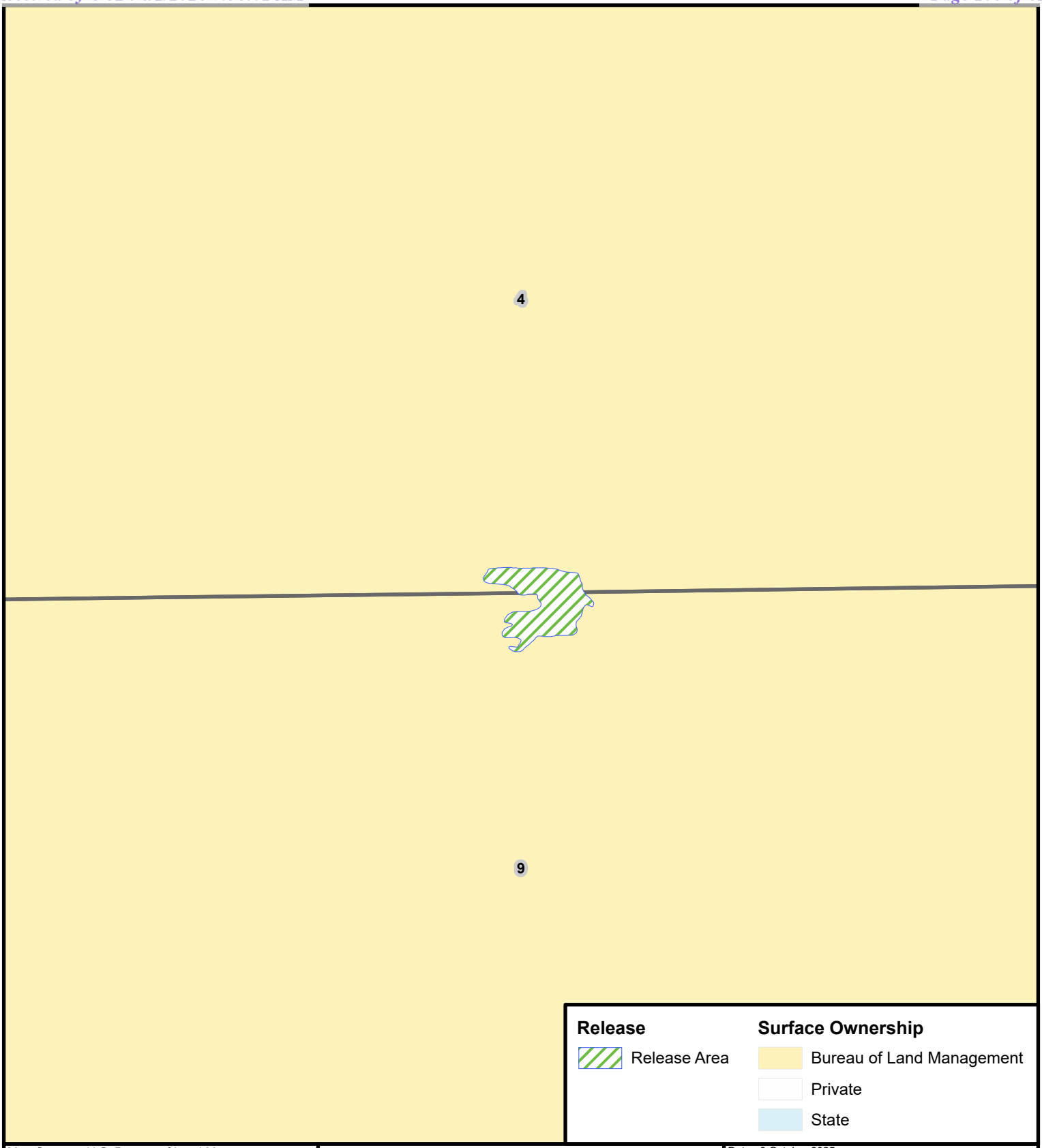
Nicole Pavlock
Environmental Specialist/Ecologist

Andrew Beckert
Archaeologist

GOSHAWK
ENVIRONMENTAL CONSULTING, INC.

APPENDIX A

FIGURES



Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download.

0 250 500 Feet

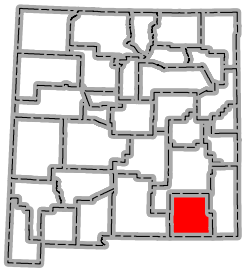
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Figure 1
Surface Ownership
Eddy County, New Mexico

Deep Elem

Township 26S; Range 31E; Sections 4 & 9

Date: 3 October 2025



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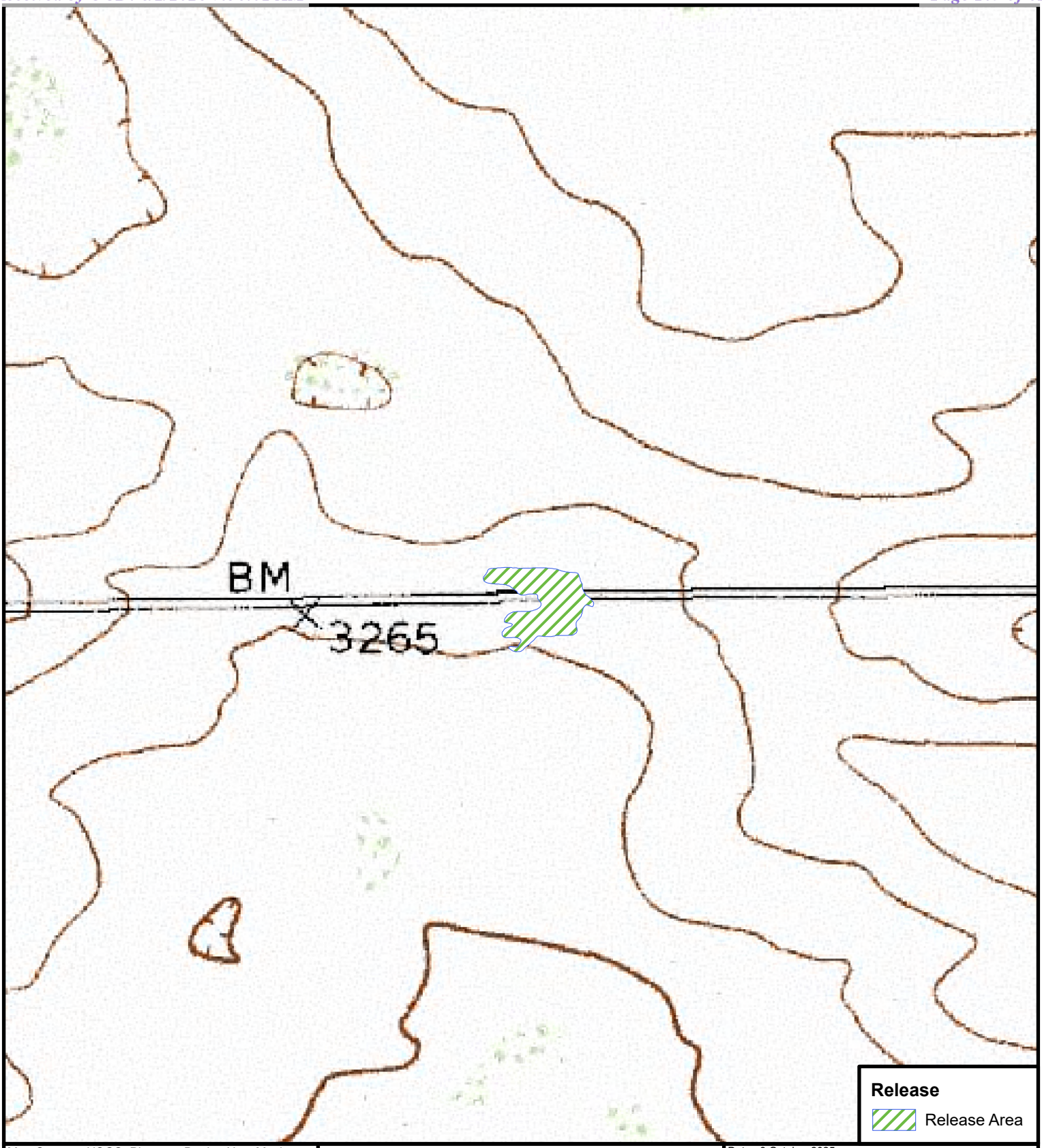


Map Source: USGS, Phantom Banks, New Mexico Quadrangle.

0 250 500 Feet

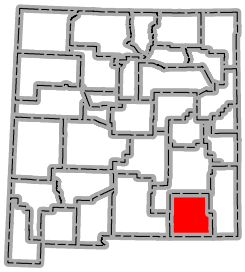
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 2
USGS Topographic
Eddy County, New Mexico

Deep Elem

Township 26S; Range 31E; Sections 4 & 9

Date: 3 October 2025



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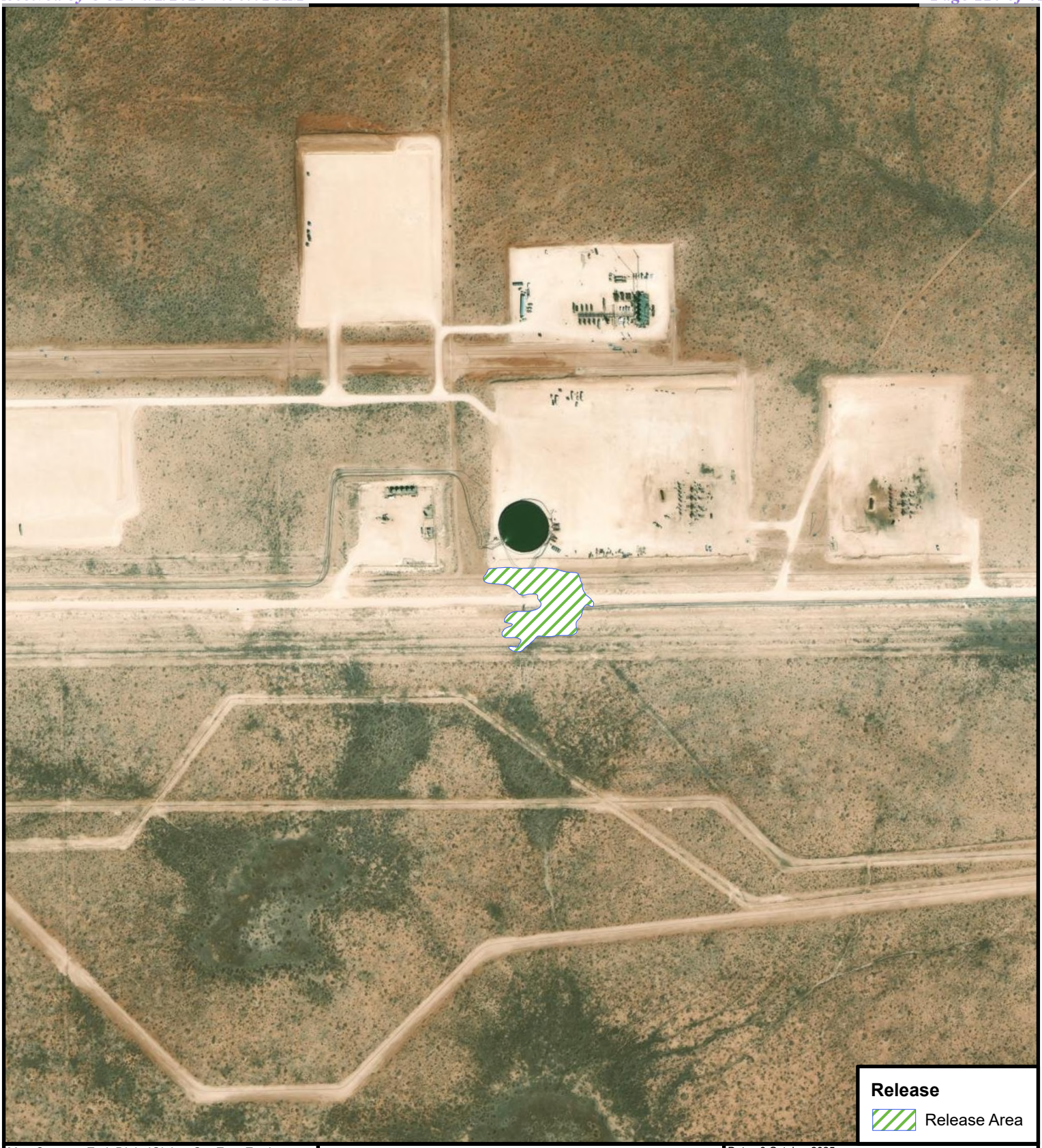


Map Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGrid, IGN, and the GIS User Community.

0 250 500 Feet

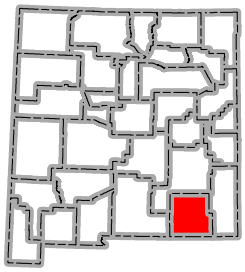
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 3
Aerial Orthoimagery
Eddy County, New Mexico

Deep Elem

Township 26S; Range 31E; Sections 4 & 9

Date: 3 October 2025



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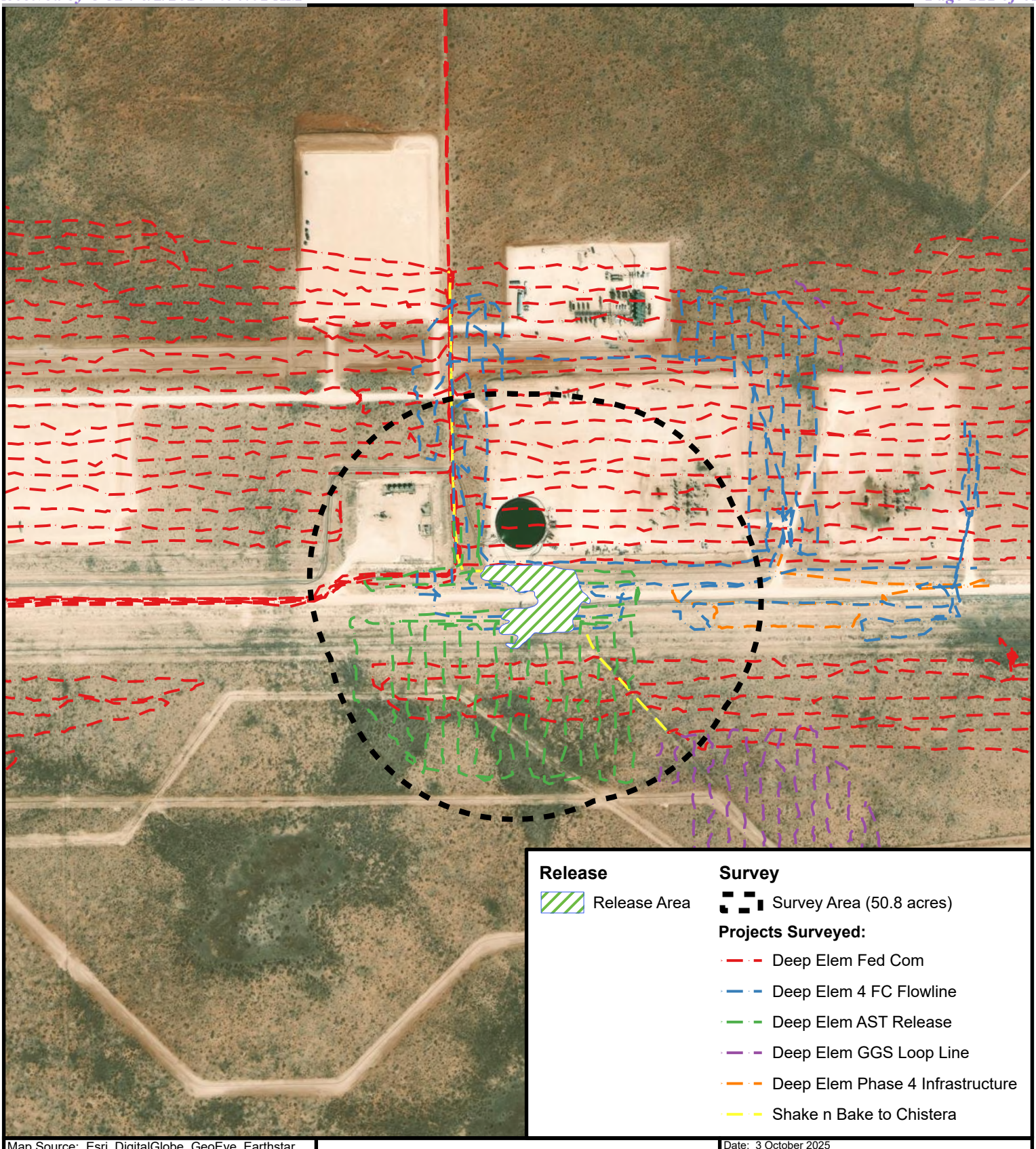


Map Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGrid, IGN, and the GIS User Community.

0 250 500 Feet

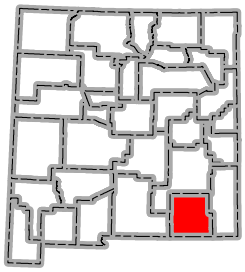
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 4
Special Status Plant Species Survey
Eddy County, New Mexico

Deep Elem

Township 26S; Range 31E; Sections 4 & 9

Date: 3 October 2025



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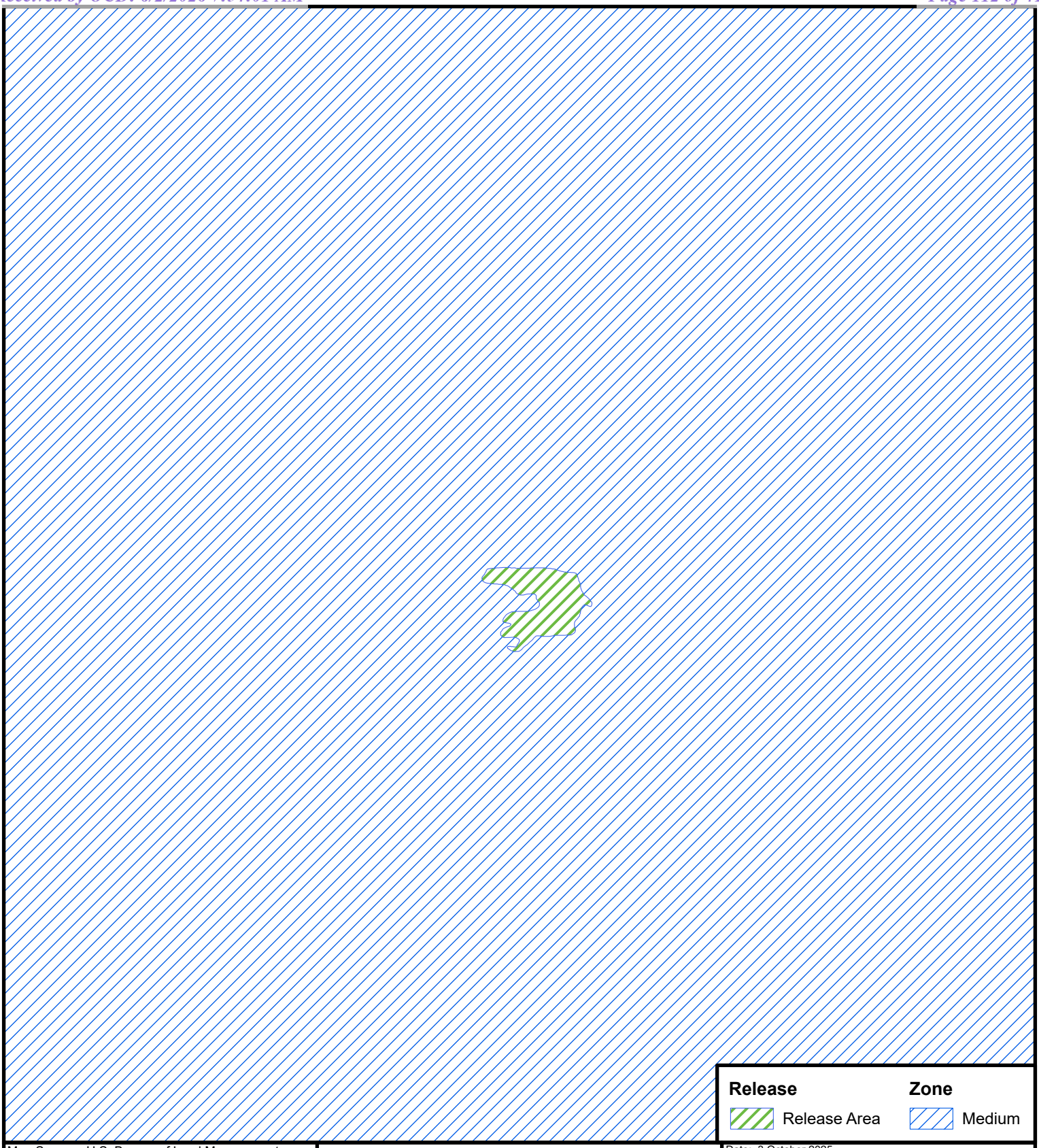


Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download.

0 250 500 Feet

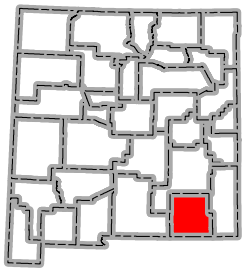
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 5
Karst Potential Occurrence Zones
Eddy County, New Mexico

Deep Elem

Township 26S; Range 31E; Sections 4 & 9

Date: 3 October 2025



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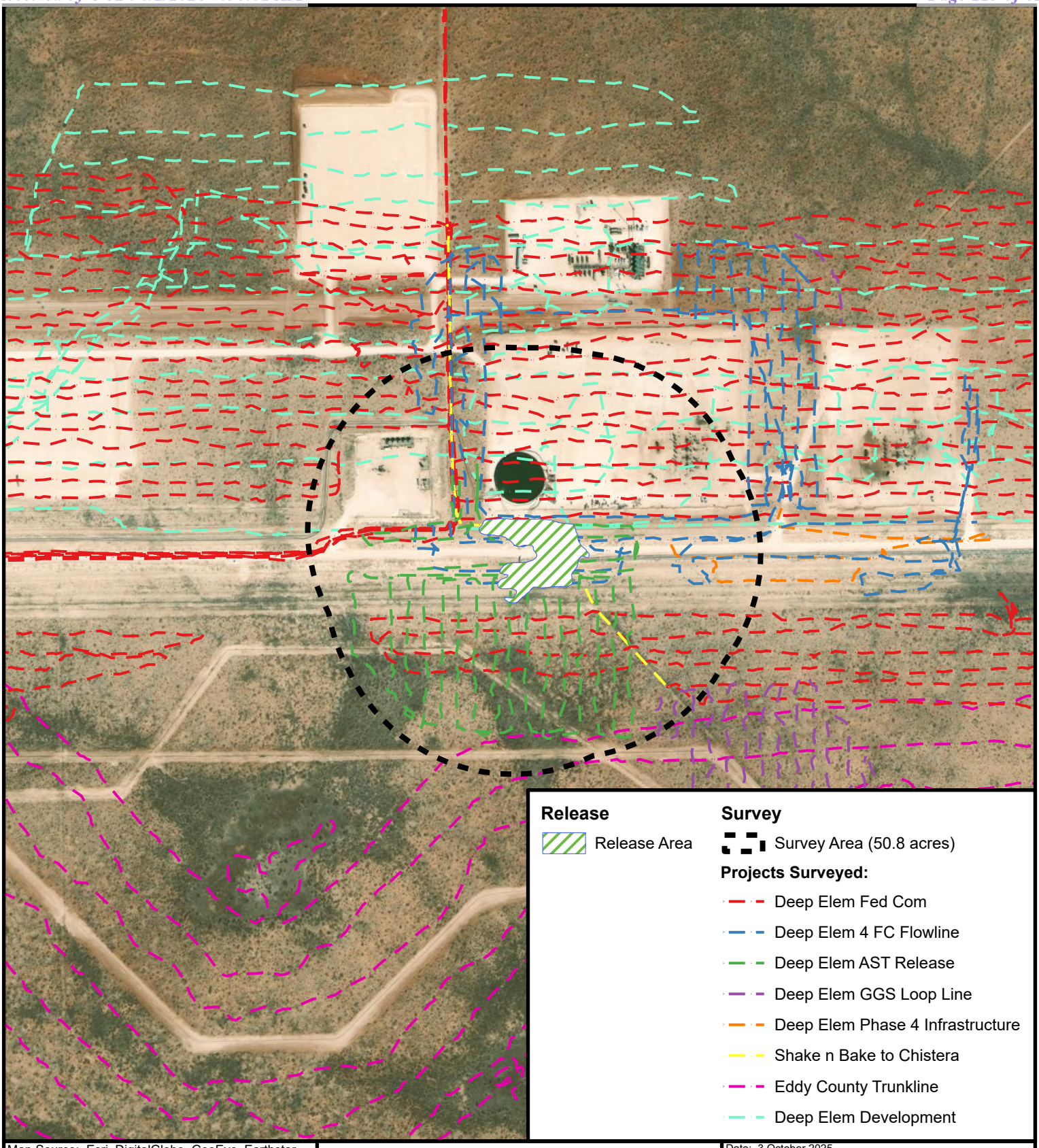


Map Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGrid, IGN, and the GIS User Community.

0 250 500 Feet

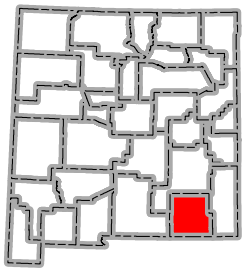
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 6
Karst Survey
Eddy County, New Mexico

Deep Elem

Township 26S; Range 31E; Sections 4 & 9

Date: 3 October 2025



N

GOSHAWK
ENVIRONMENTAL CONSULTING, INC.

APPENDIX B

PHOTOS

Photo #: 1	Date: 15 August 2023
Relatively Flat to Gently Sloping Terrain within Remediation Area	

Photo #: 2	Date: 15 August 2023
Typical Shrubland Vegetation Intermixed with Grasses and Forbs within Remediation Area	

APPENDIX E

CARMONA RESOURCES

CARDINAL Laboratories

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

November 25, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 11/19/25 9:25.

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.

Cardinal Laboratories is accreditated 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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (0-1') (H257259-01)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**18100**	16.0	11/20/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	**11.7**	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *79.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (1.5') (H257259-02)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.1 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6660**	16.0	11/20/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *77.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.6 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (2') (H257259-03)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	**28.2**	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *73.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.9 %* *39.9-141*

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Analytical Results For:

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310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (3') (H257259-04)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.2 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *74.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.9 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (4') (H257259-05)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *68.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.9 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (0-1') (H257259-06)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7600**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *80.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.6 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (1.5') (H257259-07)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.7 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5600**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	**16.7**	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (2') (H257259-08)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.7 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6160**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	**71.1**	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	**18.3**	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *80.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.7 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (3') (H257259-09)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1490**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	**61.7**	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	**22.3**	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *67.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *60.3 %* *39.9-141*

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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:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (4') (H257259-10)

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	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *70.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *62.1 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (0-1) (H257259-11)

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	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1950**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *58.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *51.3 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (1.5') (H257259-12)

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	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.9 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**880**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *71.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *63.0 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (2') (H257259-13)

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	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1490**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *87.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.8 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (3') (H257259-14)

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	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *72.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *62.8 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (4') (H257259-15)

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	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *84.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.1 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (0-1') (H257259-16)

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	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.0 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9760**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	**25.0**	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *65.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *57.7 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (1.5') (H257259-17)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**736**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *88.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.4 %* *39.9-141*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (2') (H257259-18)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *82.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.8 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (3') (H257259-19)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *76.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.1 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (4') (H257259-20)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *79.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.8 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (0-1') (H257259-21)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9200**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *89.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.8 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (1.5') (H257259-22)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9000**	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *88.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.4 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (2') (H257259-23)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *87.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.5 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (3') (H257259-24)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-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	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *79.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (4') (H257259-25)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *84.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.5 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (0-1') (H257259-26)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *65.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *56.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (1.5') (H257259-27)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *75.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.9 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (2') (H257259-28)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.5 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (3') (H257259-29)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-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	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *71.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.4 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (4') (H257259-30)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-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	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *74.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.1 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (0-1') (H257259-31)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**11800**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *77.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.5 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (1.5') (H257259-32)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**12900**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *78.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.0 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (2') (H257259-33)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4800**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *75.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.0 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (3') (H257259-34)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**736**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *75.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.1 %* *39.9-141*

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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:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (4') (H257259-35)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *71.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *66.7 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 8 (0-1') (H257259-36)

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	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5760**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *79.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.9 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 8 (1.5') (H257259-37)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8320**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *76.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.9 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 8 (2') (H257259-38)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7120**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *78.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.3 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 8 (3') (H257259-39)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *70.4-141*

Chloride, SM4500Cl-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	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *66.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *62.0 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 8 (4') (H257259-40)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *70.4-141*

Chloride, SM4500Cl-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	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *69.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.6 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (0-1') (H257259-41)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7200**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *78.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.6 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (1.5') (H257259-42)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7520**	16.0	11/20/2025	ND	448	112	400	7.41	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *79.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.4 %* *39.9-141*

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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:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (2') (H257259-43)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.4 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1550**	16.0	11/20/2025	ND	464	116	400	3.51	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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *75.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.6 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (3') (H257259-44)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.2 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *72.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.4 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (4') (H257259-45)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.2 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *74.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.1 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (0-1') (H257259-46)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.7 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**800**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *69.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.8 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (1.5') (H257259-47)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.1 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1260**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *76.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.7 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (2') (H257259-48)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1010**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *81.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.7 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (3') (H257259-49)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *75.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.1 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (4') (H257259-50)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.7 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *77.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.5 %* *39.9-141*

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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

Cardinal Laboratories *=Accredited Analyte

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

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: H25725

Page 1 of 5

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☑ Routine ☐ Rush
Project Number:	3049	Due Date:	
Project Location	Eddy County, New Mexico		
Sampler's Name:	JR		
PO #:			

P: 11/19/25

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.3c
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-2.8c
Total Containers:		Corrected Temperature:	-2.5c

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
T-1 (0-1')	11/18/2025		X		G	1		X	X	X	
T-1 (1.5)	11/18/2025		X		G	1		X	X	X	
T-1 (2')	11/18/2025		X		G	1		X	X	X	
T-1 (3')	11/18/2025		X		G	1		X	X	X	
T-1 (4')	11/18/2025		X		G	1		X	X	X	
T-2 (0-1')	11/18/2025		X		G	1		X	X	X	
T-2 (1.5')	11/18/2025		X		G	1		X	X	X	
T-2 (2')	11/18/2025		X		G	1		X	X	X	
T-2 (3')	11/18/2025		X		G	1		X	X	X	
T-2 (4')	11/18/2025		X		G	1		X	X	X	

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

0403401H - all

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11.19.25 0925	Tamara Oldaker	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H257259

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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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	
Project Number:	3049	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.3°C
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-2.8°C
Total Containers:		Corrected Temperature:	-2.5°C

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11	T-3 (0-1')	11/18/2025		X		G	1		X	X	X	
12	T-3 (1.5')	11/18/2025		X		G	1		X	X	X	
13	T-3 (2')	11/18/2025		X		G	1		X	X	X	
14	T-3 (3')	11/18/2025		X		G	1		X	X	X	
15	T-3 (4')	11/18/2025		X		G	1		X	X	X	
16	T-4 (0-1')	11/18/2025		X		G	1		X	X	X	
17	T-4 (1.5')	11/18/2025		X		G	1		X	X	X	
	T-4 (2')	11/18/2025		X		G	1		X	X	X	
	T-4 (3')	11/18/2025		X		G	1		X	X	X	
	T-4 (4')	11/18/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-19-25 0925	Tamara Hildebrand	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H257257

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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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	
Project Number:	3049	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.3°C
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-2.8°C
Total Containers:		Corrected Temperature:	-2.5°C

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
31	T-5 (0-1')	11/18/2025		X		G	1		X	X	X	
32	T-5 (1.5')	11/18/2025		X		G	1		X	X	X	
33	T-5 (2')	11/18/2025		X		G	1		X	X	X	
34	T-5 (3')	11/18/2025		X		G	1		X	X	X	
35	T-5 (4')	11/18/2025		X		G	1		X	X	X	
36	T-6 (0-1')	11/18/2025		X		G	1		X	X	X	
37	T-6 (1.5')	11/18/2025		X		G	1		X	X	X	
	T-6 (2')	11/18/2025		X		G	1		X	X	X	
	T-6 (3')	11/18/2025		X		G	1		X	X	X	
	T-6 (4')	11/18/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-19-25 0925	Tamara Maldonado	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H257259

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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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	
Project Number:	3049	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.3°C
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-2.2°C
Total Containers:		Corrected Temperature:	-2.5°C

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH: 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
31	T-7 (0-1')	11/18/2025		X		G	1		X	X	X	
32	T-7 (1.5')	11/18/2025		X		G	1		X	X	X	
33	T-7 (2')	11/18/2025		X		G	1		X	X	X	
34	T-7 (3')	11/18/2025		X		G	1		X	X	X	
35	T-7 (4')	11/18/2025		X		G	1		X	X	X	
36	T-8 (0-1')	11/18/2025		X		G	1		X	X	X	
37	T-8 (1.5')	11/18/2025		X		G	1		X	X	X	
	T-8 (2')	11/18/2025		X		G	1		X	X	X	
	T-8 (3')	11/18/2025		X		G	1		X	X	X	
	T-8 (4')	11/18/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-19-25 0925	Tamara Adakoye	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H257259

Page 5 of 5

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	
Project Number:	3049	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.3c
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.8c
Total Containers:		Corrected Temperature:	-3.5c

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
41	T-9 (0-1')	11/18/2025		X		G	1		X	X	X	
42	T-9 (1.5')	11/18/2025		X		G	1		X	X	X	
43	T-9 (2')	11/18/2025		X		G	1		X	X	X	
44	T-9 (3')	11/18/2025		X		G	1		X	X	X	
45	T-9 (4')	11/18/2025		X		G	1		X	X	X	
46	T-10 (0-1')	11/18/2025		X		G	1		X	X	X	
47	T-10 (1.5')	11/18/2025		X		G	1		X	X	X	
	T-10 (2')	11/18/2025		X		G	1		X	X	X	
	T-10 (3')	11/18/2025		X		G	1		X	X	X	
	T-10 (4')	11/18/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-19-25 0925		

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

CARDINAL Laboratories

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

November 25, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 11/19/25 9:25.

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.

Cardinal Laboratories is accreditated 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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 1 (0-0.5') (H257260-01)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *71.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *63.3 %* *39.9-141*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 2 (0-0.5') (H257260-02)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.8 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *85.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.8 %* *39.9-141*

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

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 3 (0-0.5') (H257260-03)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *79.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.1 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 4 (0-0.5') (H257260-04)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.0 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *85.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.4 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 5 (0-0.5') (H257260-05)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *83.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 6 (0-0.5') (H257260-06)

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	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.2 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *79.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.3 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 7 (0-0.5') (H257260-07)

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	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *85.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.9 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 8 (0-0.5') (H257260-08)

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	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *88.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.9 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 9 (0-0.5') (H257260-09)

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	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-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	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *79.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 10 (0-0.5') (H257260-10)

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	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *84.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.4 %* *39.9-141*

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Analytical Results For:

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

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 11 (0-0.5') (H257260-11)

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	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *90.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.2 %* *39.9-141*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 12 (0-0.5') (H257260-12)

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	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2025	ND	464	116	400	3.51	

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	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane *88.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.3 %* *39.9-141*

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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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Chain of Custody

Work Order No: H257246

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☑ Routine ☐ Rush
Project Number:	3049	Due Date:	
Project Location	Eddy County, New Mexico		
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.3C	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-2.8C	
Total Containers:		Corrected Temperature:	-2.5C	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: NaSO; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH: 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
H-1 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-2 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-3 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-4 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-5 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-6 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-7 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-8 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-9 (0-0.5')	11/17/2025		X		G	1		X	X	X	
H-10 (0-0.5')	11/17/2025		X		G	1		X	X	X	

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

0402401K - all

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-19-25 0925	Tamara Oldaker	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

Page 189 of 419

Chain of Custody

Work Order No: H25726

Page 2 of 2

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☑ Routine ☐ Rush
Project Number:	3049	Due Date:	
Project Location	Eddy County, New Mexico		
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.3c
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-2.8c
Total Containers:		Corrected Temperature:	-2.5c

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH: 8015M (GRO + DRO + MRO)	Chloride 4500
H-11 (0-0.5')	11/17/2025		X		G	1		X	X	X
H-12 (0-0.5')	11/17/2025		X		G	1		X	X	X

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2SO_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-19-25 0925		

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

CARDINAL Laboratories

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

April 21, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 04/20/26 8:50.

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.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-1 (2')	H262246-01	Soil	16-Apr-26 08:02	20-Apr-26 08:50
CS-2 (2')	H262246-02	Soil	16-Apr-26 08:04	20-Apr-26 08:50
CS-3 (2')	H262246-03	Soil	16-Apr-26 08:06	20-Apr-26 08:50
CS-4 (2')	H262246-04	Soil	16-Apr-26 08:08	20-Apr-26 08:50
CS-5 (2')	H262246-05	Soil	16-Apr-26 08:10	20-Apr-26 08:50
CS-6 (4')	H262246-06	Soil	16-Apr-26 08:12	20-Apr-26 08:50
CS-7 (4')	H262246-07	Soil	16-Apr-26 08:14	20-Apr-26 08:50
CS-8 (4')	H262246-08	Soil	16-Apr-26 08:16	20-Apr-26 08:50
CS-9 (4')	H262246-09	Soil	16-Apr-26 08:18	20-Apr-26 08:50
CS-10 (4')	H262246-10	Soil	16-Apr-26 08:20	20-Apr-26 08:50
CS-11 (4')	H262246-11	Soil	16-Apr-26 08:22	20-Apr-26 08:50
CS-12 (4')	H262246-12	Soil	16-Apr-26 08:24	20-Apr-26 08:50
CS-13 (4')	H262246-13	Soil	16-Apr-26 08:26	20-Apr-26 08:50
CS-14 (4')	H262246-14	Soil	16-Apr-26 08:28	20-Apr-26 08:50
CS-15 (4')	H262246-15	Soil	16-Apr-26 08:30	20-Apr-26 08:50
CS-16 (4')	H262246-16	Soil	16-Apr-26 08:32	20-Apr-26 08:50
CS-17 (4')	H262246-17	Soil	16-Apr-26 08:34	20-Apr-26 08:50
CS-18 (4')	H262246-18	Soil	16-Apr-26 08:36	20-Apr-26 08:50
CS-19 (4')	H262246-19	Soil	16-Apr-26 08:38	20-Apr-26 08:50
CS-20 (4')	H262246-20	Soil	16-Apr-26 08:40	20-Apr-26 08:50
CS-21 (4')	H262246-21	Soil	16-Apr-26 08:42	20-Apr-26 08:50
CS-22 (4')	H262246-22	Soil	16-Apr-26 08:44	20-Apr-26 08:50
CS-23 (4')	H262246-23	Soil	16-Apr-26 08:46	20-Apr-26 08:50
CS-24 (4')	H262246-24	Soil	16-Apr-26 08:48	20-Apr-26 08:50
CS-25 (4')	H262246-25	Soil	16-Apr-26 08:50	20-Apr-26 08:50
CS-26 (3')	H262246-26	Soil	16-Apr-26 08:52	20-Apr-26 08:50
CS-27 (3')	H262246-27	Soil	16-Apr-26 08:54	20-Apr-26 08:50

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-28 (3')	H262246-28	Soil	16-Apr-26 08:56	20-Apr-26 08:50
CS-29 (3')	H262246-29	Soil	16-Apr-26 08:58	20-Apr-26 08:50
CS-30 (3')	H262246-30	Soil	16-Apr-26 09:00	20-Apr-26 08:50
CS-31 (3')	H262246-31	Soil	16-Apr-26 09:02	20-Apr-26 08:50
CS-32 (3')	H262246-32	Soil	16-Apr-26 09:04	20-Apr-26 08:50
CS-33 (3')	H262246-33	Soil	16-Apr-26 09:08	20-Apr-26 08:50
CS-34 (3')	H262246-34	Soil	16-Apr-26 09:10	20-Apr-26 08:50
CS-35 (3')	H262246-35	Soil	16-Apr-26 09:12	20-Apr-26 08:50
CS-36 (3')	H262246-36	Soil	16-Apr-26 09:14	20-Apr-26 08:50
CS-37 (3')	H262246-37	Soil	16-Apr-26 09:16	20-Apr-26 08:50
CS-38 (3')	H262246-38	Soil	16-Apr-26 09:18	20-Apr-26 08:50
SW-1 (2')	H262246-39	Soil	16-Apr-26 09:20	20-Apr-26 08:50
SW-2 (2')	H262246-40	Soil	16-Apr-26 09:22	20-Apr-26 08:50
SW-3 (2')	H262246-41	Soil	16-Apr-26 09:24	20-Apr-26 08:50
SW-4 (2')	H262246-42	Soil	16-Apr-26 09:26	20-Apr-26 08:50
SW-5 (2')	H262246-43	Soil	16-Apr-26 09:28	20-Apr-26 08:50
SW-6 (2')	H262246-44	Soil	16-Apr-26 09:30	20-Apr-26 08:50
SW-7 (2')	H262246-45	Soil	16-Apr-26 09:32	20-Apr-26 08:50
SW-8 (4')	H262246-46	Soil	16-Apr-26 09:34	20-Apr-26 08:50
SW-9 (4')	H262246-47	Soil	16-Apr-26 09:36	20-Apr-26 08:50
SW-10 (4')	H262246-48	Soil	16-Apr-26 09:38	20-Apr-26 08:50
SW-11 (4')	H262246-49	Soil	16-Apr-26 09:40	20-Apr-26 08:50
SW-12 (4')	H262246-50	Soil	16-Apr-26 09:42	20-Apr-26 08:50
SW-13 (4')	H262246-51	Soil	16-Apr-26 09:44	20-Apr-26 08:50
SW-14 (4')	H262246-52	Soil	16-Apr-26 09:46	20-Apr-26 08:50
SW-15 (4')	H262246-53	Soil	16-Apr-26 09:48	20-Apr-26 08:50
SW-16 (3')	H262246-54	Soil	16-Apr-26 09:50	20-Apr-26 08:50
SW-17 (3')	H262246-55	Soil	16-Apr-26 09:52	20-Apr-26 08:50
SW-18 (3')	H262246-56	Soil	16-Apr-26 09:54	20-Apr-26 08:50
SW-19 (3')	H262246-57	Soil	16-Apr-26 09:56	20-Apr-26 08:50

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-20 (3')	H262246-58	Soil	16-Apr-26 09:58	20-Apr-26 08:50
SW-21 (3')	H262246-59	Soil	16-Apr-26 10:00	20-Apr-26 08:50

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-1 (2')

H262246-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*101 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*72.2 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*65.9 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-2 (2')

H262246-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.1 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*56.2 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*50.7 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-3 (2')

H262246-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.9 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*61.3 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*55.1 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-4 (2')

H262246-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*69.4 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*62.8 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-5 (2')

H262246-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*101 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*59.9 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*53.6 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-6 (4')

H262246-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.7 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.3 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.1 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-7 (4')

H262246-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*73.4 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.6 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-8 (4')

H262246-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.1 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*63.8 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*58.3 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-9 (4')

H262246-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**272**		16.0	mg/kg	4	6042038	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.0 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*67.2 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-10 (4')

H262246-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**272**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.2 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*73.1 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*67.2 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-11 (4')

H262246-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**272**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042018	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.4 %*	*70.4-141*		*6042018*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042015	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*71.5 %*	*52.4-130*		*6042015*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.5 %*	*39.9-141*		*6042015*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-12 (4')

H262246-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**272**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.5 %*	*70.4-141*		*6042029*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.3 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*69.8 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-13 (4')

H262246-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.0 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*68.6 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*62.3 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-14 (4')

H262246-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.3 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*64.1 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*57.3 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-15 (4')

H262246-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.0 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.1 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.0 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-16 (4')

H262246-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.8 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.4 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.4 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-17 (4')

H262246-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.1 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*85.7 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.3 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-18 (4')

H262246-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.7 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*86.0 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.8 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-19 (4')

H262246-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.4 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.6 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.3 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-20 (4')

H262246-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.3 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*73.3 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.5 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-21 (4')

H262246-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.9 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*80.6 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.9 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-22 (4')

H262246-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.4 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.9 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.2 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-23 (4')

H262246-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.6 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*79.1 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.9 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-24 (4')

H262246-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.5 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*75.2 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.0 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-25 (4')

H262246-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.2 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.8 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.5 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-26 (3')

H262246-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.6 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*76.2 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.1 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-27 (3')

H262246-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.0 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*65.9 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*59.7 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-28 (3')

H262246-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.4 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*72.3 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*65.2 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-29 (3')

H262246-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042039	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.6 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*73.3 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.2 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-30 (3')

H262246-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.2 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.2 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.0 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-31 (3')

H262246-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042029	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.8 %*	*70.4-141*		*6042029*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042047	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.2 %*	*52.4-130*		*6042047*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.1 %*	*39.9-141*		*6042047*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-32 (3')

H262246-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.2 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*58.1 %*	*52.4-130*		*6042048*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*55.4 %*	*39.9-141*		*6042048*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-33 (3')

H262246-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.7 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*59.8 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*56.1 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-34 (3')

H262246-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.5 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*61.7 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*56.9 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-35 (3')

H262246-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.3 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*66.4 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*61.2 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-36 (3')

H262246-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.3 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*63.5 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*57.6 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-37 (3')

H262246-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.2 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*65.3 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*58.5 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

CS-38 (3')

H262246-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.6 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*73.7 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.8 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-1 (2')

H262246-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.7 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*62.5 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*56.1 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-2 (2')

H262246-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.8 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*65.0 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*59.0 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-3 (2')

H262246-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.9 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*62.0 %*	*52.4-130*		*6042048*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*59.1 %*	*39.9-141*		*6042048*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-4 (2')

H262246-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*67.4 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*61.7 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-5 (2')

H262246-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.4 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*57.3 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*51.9 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-6 (2')

H262246-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.5 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*58.4 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*53.2 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-7 (2')

H262246-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.3 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*67.6 %*	*52.4-130*		*6042048*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*65.0 %*	*39.9-141*		*6042048*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-8 (4')

H262246-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.1 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*60.9 %*	*52.4-130*		*6042048*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*54.7 %*	*39.9-141*		*6042048*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-9 (4')

H262246-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.7 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*62.6 %*	*52.4-130*		*6042048*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*57.6 %*	*39.9-141*		*6042048*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-10 (4')

H262246-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.7 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*69.2 %*	*52.4-130*		*6042048*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*63.7 %*	*39.9-141*		*6042048*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-11 (4')

H262246-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042040	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.5 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*52.4 %*	*52.4-130*		*6042048*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*47.7 %*	*39.9-141*		*6042048*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-12 (4')

H262246-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.5 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*60.5 %*	*52.4-130*		*6042048*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*55.6 %*	*39.9-141*		*6042048*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-13 (4')

H262246-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042030	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.1 %*	*70.4-141*		*6042030*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042048	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*63.8 %*	*52.4-130*		*6042048*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*58.2 %*	*39.9-141*		*6042048*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-14 (4')

H262246-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.5 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.6 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-15 (4')

H262246-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*117 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.4 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.2 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-16 (3')

H262246-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.7 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*75.6 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.5 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-17 (3')

H262246-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*115 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.2 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.0 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-18 (3')

H262246-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.2 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.7 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.2 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-19 (3')

H262246-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.1 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.1 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.5 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-20 (3')

H262246-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.6 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*79.9 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.6 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

SW-21 (3')

H262246-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*101 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*84.5 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.9 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042038 - 1:4 DI Water										
Blank (6042038-BLK1)				Prepared & Analyzed: 20-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042038-BS1)				Prepared & Analyzed: 20-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6042038-BSD1)				Prepared & Analyzed: 20-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 6042039 - 1:4 DI Water										
Blank (6042039-BLK1)				Prepared & Analyzed: 20-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042039-BS1)				Prepared & Analyzed: 20-Apr-26						
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (6042039-BSD1)				Prepared & Analyzed: 20-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	
Batch 6042040 - 1:4 DI Water										
Blank (6042040-BLK1)				Prepared & Analyzed: 20-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042040-BS1)				Prepared & Analyzed: 20-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042040 - 1:4 DI Water										
LCS Dup (6042040-BSD1)				Prepared & Analyzed: 20-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 6042041 - 1:4 DI Water										
Blank (6042041-BLK1)				Prepared & Analyzed: 20-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042041-BS1)				Prepared & Analyzed: 20-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6042041-BSD1)				Prepared & Analyzed: 20-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042018 - Volatiles										
Blank (6042018-BLK1)				Prepared & Analyzed: 20-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*94.8*	*70.4-141*			
LCS (6042018-BS1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.04	0.050	mg/kg	2.00		102	71-111			
Toluene	1.82	0.050	mg/kg	2.00		91.0	75-116			
Ethylbenzene	1.76	0.050	mg/kg	2.00		88.0	74.2-119			
m,p-Xylene	3.50	0.100	mg/kg	4.00		87.5	72.5-123			
o-Xylene	1.71	0.050	mg/kg	2.00		85.5	70.5-124			
Total Xylenes	5.21	0.150	mg/kg	6.00		86.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0455*		mg/kg	*0.0500*		*91.1*	*70.4-141*			
LCS Dup (6042018-BSD1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.07	0.050	mg/kg	2.00		103	71-111	1.38	17.6	
Toluene	1.86	0.050	mg/kg	2.00		93.2	75-116	2.40	14.8	
Ethylbenzene	1.74	0.050	mg/kg	2.00		87.1	74.2-119	1.01	14.2	
m,p-Xylene	3.49	0.100	mg/kg	4.00		87.2	72.5-123	0.401	13.6	
o-Xylene	1.73	0.050	mg/kg	2.00		86.4	70.5-124	1.11	13.7	
Total Xylenes	5.22	0.150	mg/kg	6.00		86.9	72.2-123	0.0958	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0450*		mg/kg	*0.0500*		*90.0*	*70.4-141*			
Batch 6042029 - Volatiles										
Blank (6042029-BLK1)				Prepared & Analyzed: 20-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042029 - Volatiles										
Blank (6042029-BLK1)				Prepared & Analyzed: 20-Apr-26						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*92.5*	*70.4-141*			
LCS (6042029-BS1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.04	0.050	mg/kg	2.00		102	71-111			
Toluene	1.97	0.050	mg/kg	2.00		98.4	75-116			
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.0	74.2-119			
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.8	72.5-123			
o-Xylene	1.88	0.050	mg/kg	2.00		94.1	70.5-124			
Total Xylenes	5.83	0.150	mg/kg	6.00		97.2	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0463*		mg/kg	*0.0500*		*92.5*	*70.4-141*			
LCS Dup (6042029-BSD1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.04	0.050	mg/kg	2.00		102	71-111	0.164	17.6	
Toluene	1.97	0.050	mg/kg	2.00		98.7	75-116	0.249	14.8	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.5	74.2-119	0.453	14.2	
m,p-Xylene	3.97	0.100	mg/kg	4.00		99.2	72.5-123	0.422	13.6	
o-Xylene	1.90	0.050	mg/kg	2.00		94.9	70.5-124	0.825	13.7	
Total Xylenes	5.87	0.150	mg/kg	6.00		97.8	72.2-123	0.552	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0471*		mg/kg	*0.0500*		*94.2*	*70.4-141*			
Batch 6042030 - Volatiles										
Blank (6042030-BLK1)				Prepared & Analyzed: 20-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*95.7*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042030 - Volatiles										
LCS (6042030-BS1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.12	0.050	mg/kg	2.00		106	71-111			
Toluene	1.96	0.050	mg/kg	2.00		97.9	75-116			
Ethylbenzene	1.88	0.050	mg/kg	2.00		94.0	74.2-119			
m,p-Xylene	3.63	0.100	mg/kg	4.00		90.8	72.5-123			
o-Xylene	1.83	0.050	mg/kg	2.00		91.3	70.5-124			
Total Xylenes	5.46	0.150	mg/kg	6.00		91.0	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0463*		mg/kg	*0.0500*		*92.6*	*70.4-141*			
LCS Dup (6042030-BSD1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.10	0.050	mg/kg	2.00		105	71-111	0.758	17.6	
Toluene	1.96	0.050	mg/kg	2.00		98.0	75-116	0.102	14.8	
Ethylbenzene	1.86	0.050	mg/kg	2.00		93.0	74.2-119	1.05	14.2	
m,p-Xylene	3.60	0.100	mg/kg	4.00		90.1	72.5-123	0.836	13.6	
o-Xylene	1.81	0.050	mg/kg	2.00		90.4	70.5-124	0.976	13.7	
Total Xylenes	5.41	0.150	mg/kg	6.00		90.2	72.2-123	0.883	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0462*		mg/kg	*0.0500*		*92.4*	*70.4-141*			
Batch 6042031 - Volatiles										
Blank (6042031-BLK1)				Prepared & Analyzed: 20-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.112*		mg/kg	*0.100*		*112*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042031 - Volatiles										
LCS (6042031-BS1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.13	0.050	mg/kg	2.00		106	71-111			
Toluene	2.15	0.050	mg/kg	2.00		107	75-116			
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	74.2-119			
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	72.5-123			
o-Xylene	2.43	0.050	mg/kg	2.00		121	70.5-124			
Total Xylenes	6.94	0.150	mg/kg	6.00		116	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.118*		mg/kg	*0.100*		*118*	*70.4-141*			
LCS Dup (6042031-BSD1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.17	0.050	mg/kg	2.00		108	71-111	2.06	17.6	
Toluene	2.24	0.050	mg/kg	2.00		112	75-116	4.34	14.8	
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	74.2-119	4.97	14.2	BS-3
m,p-Xylene	4.76	0.100	mg/kg	4.00		119	72.5-123	5.31	13.6	
o-Xylene	2.55	0.050	mg/kg	2.00		128	70.5-124	4.95	13.7	BS-3
Total Xylenes	7.31	0.150	mg/kg	6.00		122	72.2-123	5.19	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.119*		mg/kg	*0.100*		*119*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042015 - General Prep - Organics										
Blank (6042015-BLK1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*38.8*		mg/kg	*50.0*		*77.5*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*36.0*		mg/kg	*50.0*		*72.1*	*39.9-141*			
LCS (6042015-BS1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	197	10.0	mg/kg	200		98.5	78.7-123			
DRO >C10-C28	205	10.0	mg/kg	200		103	74.8-123			
Total TPH C6-C28	402	10.0	mg/kg	400		101	78.6-121			
Surrogate: 1-Chlorooctane	*42.3*		mg/kg	*50.0*		*84.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*40.6*		mg/kg	*50.0*		*81.2*	*39.9-141*			
LCS Dup (6042015-BSD1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	207	10.0	mg/kg	200		103	78.7-123	4.80	11.3	
DRO >C10-C28	214	10.0	mg/kg	200		107	74.8-123	3.92	10.9	
Total TPH C6-C28	420	10.0	mg/kg	400		105	78.6-121	4.35	10.5	
Surrogate: 1-Chlorooctane	*42.8*		mg/kg	*50.0*		*85.5*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*41.1*		mg/kg	*50.0*		*82.2*	*39.9-141*			
Batch 6042047 - General Prep - Organics										
Blank (6042047-BLK1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*41.1*		mg/kg	*50.0*		*82.2*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*38.0*		mg/kg	*50.0*		*76.0*	*39.9-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:14

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042047 - General Prep - Organics										
LCS (6042047-BS1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	211	10.0	mg/kg	200		105	78.7-123			
DRO >C10-C28	200	10.0	mg/kg	200		100	74.8-123			
Total TPH C6-C28	411	10.0	mg/kg	400		103	78.6-121			
Surrogate: 1-Chlorooctane	*46.1*		mg/kg	*50.0*		*92.2*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*43.3*		mg/kg	*50.0*		*86.6*	*39.9-141*			
LCS Dup (6042047-BSD1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	218	10.0	mg/kg	200		109	78.7-123	3.38	11.3	
DRO >C10-C28	209	10.0	mg/kg	200		104	74.8-123	4.23	10.9	
Total TPH C6-C28	427	10.0	mg/kg	400		107	78.6-121	3.80	10.5	
Surrogate: 1-Chlorooctane	*45.4*		mg/kg	*50.0*		*90.8*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*43.1*		mg/kg	*50.0*		*86.2*	*39.9-141*			
Batch 6042048 - General Prep - Organics										
Blank (6042048-BLK1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*36.6*		mg/kg	*50.0*		*73.3*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*34.0*		mg/kg	*50.0*		*68.0*	*39.9-141*			
LCS (6042048-BS1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	200	10.0	mg/kg	200		100	78.7-123			
DRO >C10-C28	218	10.0	mg/kg	200		109	74.8-123			
Total TPH C6-C28	418	10.0	mg/kg	400		105	78.6-121			
Surrogate: 1-Chlorooctane	*39.6*		mg/kg	*50.0*		*79.2*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*37.0*		mg/kg	*50.0*		*73.9*	*39.9-141*			

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Analytical Results For:

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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042048 - General Prep - Organics										
LCS Dup (6042048-BSD1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	217	10.0	mg/kg	200		109	78.7-123	8.15	11.3	
DRO >C10-C28	232	10.0	mg/kg	200		116	74.8-123	5.91	10.9	
Total TPH C6-C28	449	10.0	mg/kg	400		112	78.6-121	6.99	10.5	
Surrogate: 1-Chlorooctane	*45.5*		mg/kg	*50.0*		*91.1*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*38.4*		mg/kg	*50.0*		*76.9*	*39.9-141*			
Batch 6042049 - General Prep - Organics										
Blank (6042049-BLK1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*44.0*		mg/kg	*50.0*		*88.1*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.9*		mg/kg	*50.0*		*85.8*	*39.9-141*			
LCS (6042049-BS1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	206	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	212	10.0	mg/kg	200		106	74.8-123			
Total TPH C6-C28	418	10.0	mg/kg	400		104	78.6-121			
Surrogate: 1-Chlorooctane	*50.0*		mg/kg	*50.0*		*99.9*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.4*		mg/kg	*50.0*		*103*	*39.9-141*			
LCS Dup (6042049-BSD1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	215	10.0	mg/kg	200		107	78.7-123	4.34	11.3	
DRO >C10-C28	222	10.0	mg/kg	200		111	74.8-123	4.70	10.9	
Total TPH C6-C28	437	10.0	mg/kg	400		109	78.6-121	4.53	10.5	
Surrogate: 1-Chlorooctane	*50.5*		mg/kg	*50.0*		*101*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.8*		mg/kg	*50.0*		*104*	*39.9-141*			

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: H26224

Page 1 of 6

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	#140	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°C	+0.1°C
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6°C	
Total Containers:		Corrected Temperature:	-5.5°C	

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1	CS-1 (2')	4/16/2026	0802	X		C	1	X	X	X	
2	CS-2 (2')	4/16/2026	0804	X		C	1	X	X	X	
3	CS-3 (2')	4/16/2026	0806	X		C	1	X	X	X	
4	CS-4 (2')	4/16/2026	0808	X		C	1	X	X	X	
5	CS-5 (2')	4/16/2026	0810	X		C	1	X	X	X	
6	CS-6 (4')	4/16/2026	0812	X		C	1	X	X	X	
7	CS-7 (4')	4/16/2026	0814	X		C	1	X	X	X	
8	CS-8 (4')	4/16/2026	0816	X		C	1	X	X	X	
9	CS-9 (4')	4/16/2026	0818	X		C	1	X	X	X	
10	CS-10 (4')	4/16/2026	0820	X		C	1	X	X	X	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

No Labels - all

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850		

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H262246

Page 2 of 6

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	
Project Number:	3049	☐ Routine ☑ Rush	
Project Location	Eddy County, New Mexico	Due Date:	24 Hr TAT
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6°	
Total Containers:		Corrected Temperature:	-5.5°	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11	CS-11 (4')	4/16/2026	0822	X		C	1	X	X	X	
12	CS-12 (4')	4/16/2026	0824	X		C	1	X	X	X	
13	CS-13 (4')	4/16/2026	0826	X		C	1	X	X	X	
14	CS-14 (4')	4/16/2026	0828	X		C	1	X	X	X	
15	CS-15 (4')	4/16/2026	0830	X		C	1	X	X	X	
16	CS-16 (4')	4/16/2026	0832	X		C	1	X	X	X	
17	CS-17 (4')	4/16/2026	0834	X		C	1	X	X	X	
18	CS-18 (4')	4/16/2026	0836	X		C	1	X	X	X	
19	CS-19 (4')	4/16/2026	0838	X		C	1	X	X	X	
20	CS-20 (4')	4/16/2026	0840	X		C	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850	Samara Wdaky	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H262246

Page 3 of 6

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1c
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6c
Total Containers:	8	Corrected Temperature:	-5.5c

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
21	CS-21 (4')	4/16/2026	0842	X		C	1		X	X	X	
22	CS-22 (4')	4/16/2026	0844	X		C	1		X	X	X	
23	CS-23 (4')	4/16/2026	0846	X		C	1		X	X	X	
24	CS-24 (4')	4/16/2026	0848	X		C	1		X	X	X	
25	CS-25 (4')	4/16/2026	0850	X		C	1		X	X	X	
26	CS-26 (3')	4/16/2026	0852	X		C	1		X	X	X	
27	CS-27 (3')	4/16/2026	0854	X		C	1		X	X	X	
28	CS-28 (3')	4/16/2026	0856	X		C	1		X	X	X	
29	CS-29 (3')	4/16/2026	0858	X		C	1		X	X	X	
30	CS-30 (3')	4/16/2026	0900	X		C	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0880		

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H262246

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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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#146
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°C
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6°C
Total Containers:	8	Corrected Temperature:	-5.5°C

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
31 CS-31 (3')	4/16/2026	0902	X		C	1		X	X	X	
32 CS-32 (3')	4/16/2026	0904	X		C	1		X	X	X	
33 CS-33 (3')	4/16/2026	0908	X		C	1		X	X	X	
34 CS-34 (3')	4/16/2026	0910	X		C	1		X	X	X	
35 CS-35 (3')	4/16/2026	0912	X		C	1		X	X	X	
36 CS-36 (3')	4/16/2026	0914	X		C	1		X	X	X	
37 CS-37 (3')	4/16/2026	0916	X		C	1		X	X	X	
38 CS-38 (3')	4/16/2026	0918	X		C	1		X	X	X	
39 SW-1 (2')	4/16/2026	0920	X		C	1		X	X	X	
40 SW-2 (2')	4/16/2026	0922	X		C	1		X	X	X	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850		

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H263346

Page 5 of 6

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	
Project Number:	3049	☐ Routine ☑ Rush	
Project Location	Eddy County, New Mexico	Due Date:	24 Hr TAT
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1c	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6c	
Total Containers:	8	Corrected Temperature:	-5.5c	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
41	SW-3 (2')	4/16/2026	0924	X		C	1		X	X	X	
42	SW-4 (2')	4/16/2026	0926	X		C	1		X	X	X	
43	SW-5 (2')	4/16/2026	0928	X		C	1		X	X	X	
44	SW-6 (2')	4/16/2026	0930	X		C	1		X	X	X	
45	SW-7 (2')	4/16/2026	0932	X		C	1		X	X	X	
46	SW-8 (4')	4/16/2026	0934	X		C	1		X	X	X	
47	SW-9 (4')	4/16/2026	0936	X		C	1		X	X	X	
48	SW-10 (4')	4/16/2026	0938	X		C	1		X	X	X	
49	SW-11 (4')	4/16/2026	0940	X		C	1		X	X	X	
50	SW-12 (4')	4/16/2026	0942	X		C	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850		

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H267246

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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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6°
Total Containers:		Corrected Temperature:	-5.5°

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
S1	SW-13 (4')	4/16/2026	0944	X		C	1		X	X	X	
S2	SW-14 (4')	4/16/2026	0946	X		C	1		X	X	X	
S3	SW-15 (4')	4/16/2026	0948	X		C	1		X	X	X	
S4	SW-16 (3')	4/16/2026	0950	X		C	1		X	X	X	
S5	SW-17 (3')	4/16/2026	0952	X		C	1		X	X	X	
S6	SW-18 (3')	4/16/2026	0954	X		C	1		X	X	X	
S7	SW-19 (3')	4/16/2026	0956	X		C	1		X	X	X	
S8	SW-20 (3')	4/16/2026	0958	X		C	1		X	X	X	
S9	SW-21 (3')	4/16/2026	1000	X		C	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850		

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

CARDINAL Laboratories

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

April 21, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 04/20/26 8:50.

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.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 39 (2')	H262248-01	Soil	16-Apr-26 10:02	20-Apr-26 08:50
CS - 40 (2')	H262248-02	Soil	16-Apr-26 10:04	20-Apr-26 08:50
CS - 41 (2')	H262248-03	Soil	16-Apr-26 10:06	20-Apr-26 08:50
CS - 42 (2')	H262248-04	Soil	16-Apr-26 10:08	20-Apr-26 08:50
CS - 43 (2')	H262248-05	Soil	16-Apr-26 10:10	20-Apr-26 08:50
CS - 44 (2')	H262248-06	Soil	16-Apr-26 10:12	20-Apr-26 08:50
CS - 45 (2')	H262248-07	Soil	16-Apr-26 10:14	20-Apr-26 08:50
CS - 46 (2')	H262248-08	Soil	16-Apr-26 10:16	20-Apr-26 08:50
CS - 47 (2')	H262248-09	Soil	16-Apr-26 10:18	20-Apr-26 08:50
CS - 48 (2')	H262248-10	Soil	16-Apr-26 10:20	20-Apr-26 08:50
CS - 49 (2')	H262248-11	Soil	16-Apr-26 10:22	20-Apr-26 08:50
CS - 50 (2')	H262248-12	Soil	16-Apr-26 10:24	20-Apr-26 08:50
CS - 51 (2')	H262248-13	Soil	16-Apr-26 10:26	20-Apr-26 08:50
CS - 52 (2')	H262248-14	Soil	16-Apr-26 10:28	20-Apr-26 08:50
CS - 53 (2')	H262248-15	Soil	16-Apr-26 10:30	20-Apr-26 08:50
CS - 54 (2')	H262248-16	Soil	16-Apr-26 10:32	20-Apr-26 08:50
CS - 55 (2')	H262248-17	Soil	16-Apr-26 10:34	20-Apr-26 08:50
CS - 56 (2')	H262248-18	Soil	16-Apr-26 10:36	20-Apr-26 08:50
CS - 57 (2')	H262248-19	Soil	16-Apr-26 10:38	20-Apr-26 08:50
CS - 58 (2')	H262248-20	Soil	16-Apr-26 10:40	20-Apr-26 08:50
CS - 59 (2')	H262248-21	Soil	16-Apr-26 10:42	20-Apr-26 08:50
CS - 60 (2')	H262248-22	Soil	16-Apr-26 10:44	20-Apr-26 08:50
CS - 61 (2')	H262248-23	Soil	16-Apr-26 10:46	20-Apr-26 08:50
SW - 22 (2')	H262248-24	Soil	16-Apr-26 10:48	20-Apr-26 08:50
SW - 23 (2')	H262248-25	Soil	16-Apr-26 10:50	20-Apr-26 08:50
SW - 24 (2')	H262248-26	Soil	16-Apr-26 10:52	20-Apr-26 08:50
SW - 25 (2')	H262248-27	Soil	16-Apr-26 10:54	20-Apr-26 08:50

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

SW - 26 (2')	H262248-28	Soil	16-Apr-26 10:56	20-Apr-26 08:50
SW - 27 (2')	H262248-29	Soil	16-Apr-26 10:58	20-Apr-26 08:50

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 39 (2')

H262248-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.2 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*89.8 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*87.2 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 40 (2')

H262248-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.9 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*89.5 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*87.8 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 41 (2')

H262248-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.0 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.4 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.6 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 42 (2')

H262248-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.0 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.7 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 43 (2')

H262248-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.5 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*79.8 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.0 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 44 (2')

H262248-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*75.7 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.2 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 45 (2')

H262248-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**432**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.8 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*90.3 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*87.2 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 46 (2')

H262248-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**368**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*88.8 %*	*52.4-130*		*6042049*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.7 %*	*39.9-141*		*6042049*	MS	*21-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 47 (2')

H262248-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**352**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*70.4-141*		*6042031*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
DRO >C10-C28*	**27.0**		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.5 %*	*52.4-130*		*6042049*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.5 %*	*39.9-141*		*6042049*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 48 (2')

H262248-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*70.4-141*		*6042031*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*88.8 %*	*52.4-130*		*6042049*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.9 %*	*39.9-141*		*6042049*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 49 (2')

H262248-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**384**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.8 %*	*70.4-141*		*6042031*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*78.2 %*	*52.4-130*		*6042049*	MS	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.2 %*	*39.9-141*		*6042049*	MS	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 50 (2')

H262248-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.2 %*	*70.4-141*		*6042032*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.2 %*	*52.4-130*		*6042050*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.7 %*	*39.9-141*		*6042050*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 51 (2')

H262248-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.7 %*	*70.4-141*		*6042032*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.8 %*	*52.4-130*		*6042050*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.1 %*	*39.9-141*		*6042050*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 52 (2')

H262248-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.7 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.0 %*	*52.4-130*		*6042050*	JF	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.5 %*	*39.9-141*		*6042050*	JF	*20-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 53 (2')

H262248-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**480**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.9 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.1 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.5 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 54 (2')

H262248-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**400**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.2 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*84.3 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.1 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 55 (2')

H262248-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**336**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.8 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*78.0 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.7 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 56 (2')

H262248-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.2 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*79.7 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.1 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 57 (2')

H262248-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**272**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.6 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*76.9 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.1 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 58 (2')

H262248-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.1 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*91.6 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.6 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 59 (2')

H262248-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.2 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*86.6 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.8 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 60 (2')

H262248-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.0 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.4 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.8 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

CS - 61 (2')

H262248-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**368**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.6 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*84.8 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.5 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

SW - 22 (2')

H262248-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.2 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.8 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.8 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

SW - 23 (2')

H262248-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**352**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.4 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.1 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.9 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

SW - 24 (2')

H262248-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**512**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.2 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*87.3 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.9 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

SW - 25 (2')

H262248-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.1 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*85.4 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.5 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

SW - 26 (2')

H262248-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**480**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.1 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.2 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.0 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

SW - 27 (2')

H262248-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042042	KH	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042032	JH	21-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.3 %*	*70.4-141*		*6042032*	JH	*21-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042050	JF	21-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*87.6 %*	*52.4-130*		*6042050*	JF	*21-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.2 %*	*39.9-141*		*6042050*	JF	*21-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042041 - 1:4 DI Water										
Blank (6042041-BLK1)				Prepared & Analyzed: 20-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042041-BS1)				Prepared & Analyzed: 20-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6042041-BSD1)				Prepared & Analyzed: 20-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 6042042 - 1:4 DI Water										
Blank (6042042-BLK1)				Prepared & Analyzed: 20-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042042-BS1)				Prepared & Analyzed: 20-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (6042042-BSD1)				Prepared & Analyzed: 20-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042031 - Volatiles										
Blank (6042031-BLK1)				Prepared & Analyzed: 20-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.112*		mg/kg	*0.100*		*112*	*70.4-141*			
LCS (6042031-BS1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.13	0.050	mg/kg	2.00		106	71-111			
Toluene	2.15	0.050	mg/kg	2.00		107	75-116			
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	74.2-119			
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	72.5-123			
o-Xylene	2.43	0.050	mg/kg	2.00		121	70.5-124			
Total Xylenes	6.94	0.150	mg/kg	6.00		116	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.118*		mg/kg	*0.100*		*118*	*70.4-141*			
LCS Dup (6042031-BSD1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.17	0.050	mg/kg	2.00		108	71-111	2.06	17.6	
Toluene	2.24	0.050	mg/kg	2.00		112	75-116	4.34	14.8	
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	74.2-119	4.97	14.2	BS-3
m,p-Xylene	4.76	0.100	mg/kg	4.00		119	72.5-123	5.31	13.6	
o-Xylene	2.55	0.050	mg/kg	2.00		128	70.5-124	4.95	13.7	BS-3
Total Xylenes	7.31	0.150	mg/kg	6.00		122	72.2-123	5.19	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.119*		mg/kg	*0.100*		*119*	*70.4-141*			
Batch 6042032 - Volatiles										
Blank (6042032-BLK1)				Prepared & Analyzed: 20-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042032 - Volatiles										
Blank (6042032-BLK1)				Prepared & Analyzed: 20-Apr-26						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*92.0*	*70.4-141*			
LCS (6042032-BS1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.00	0.050	mg/kg	2.00		100	71-111			
Toluene	1.95	0.050	mg/kg	2.00		97.5	75-116			
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.2	74.2-119			
m,p-Xylene	3.94	0.100	mg/kg	4.00		98.5	72.5-123			
o-Xylene	1.86	0.050	mg/kg	2.00		92.8	70.5-124			
Total Xylenes	5.80	0.150	mg/kg	6.00		96.6	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0466*		mg/kg	*0.0500*		*93.2*	*70.4-141*			
LCS Dup (6042032-BSD1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.03	0.050	mg/kg	2.00		102	71-111	1.42	17.6	
Toluene	1.98	0.050	mg/kg	2.00		98.9	75-116	1.38	14.8	
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.3	74.2-119	2.14	14.2	
m,p-Xylene	4.02	0.100	mg/kg	4.00		100	72.5-123	1.88	13.6	
o-Xylene	1.91	0.050	mg/kg	2.00		95.7	70.5-124	3.12	13.7	
Total Xylenes	5.93	0.150	mg/kg	6.00		98.9	72.2-123	2.28	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0468*		mg/kg	*0.0500*		*93.6*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042049 - General Prep - Organics										
Blank (6042049-BLK1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*44.0*		mg/kg	*50.0*		*88.1*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.9*		mg/kg	*50.0*		*85.8*	*39.9-141*			
LCS (6042049-BS1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	206	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	212	10.0	mg/kg	200		106	74.8-123			
Total TPH C6-C28	418	10.0	mg/kg	400		104	78.6-121			
Surrogate: 1-Chlorooctane	*50.0*		mg/kg	*50.0*		*99.9*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.4*		mg/kg	*50.0*		*103*	*39.9-141*			
LCS Dup (6042049-BSD1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	215	10.0	mg/kg	200		107	78.7-123	4.34	11.3	
DRO >C10-C28	222	10.0	mg/kg	200		111	74.8-123	4.70	10.9	
Total TPH C6-C28	437	10.0	mg/kg	400		109	78.6-121	4.53	10.5	
Surrogate: 1-Chlorooctane	*50.5*		mg/kg	*50.0*		*101*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.8*		mg/kg	*50.0*		*104*	*39.9-141*			
Batch 6042050 - General Prep - Organics										
Blank (6042050-BLK1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*40.9*		mg/kg	*50.0*		*81.8*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*38.3*		mg/kg	*50.0*		*76.7*	*39.9-141*			

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:25

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042050 - General Prep - Organics										
LCS (6042050-BS1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	206	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	217	10.0	mg/kg	200		108	74.8-123			
Total TPH C6-C28	423	10.0	mg/kg	400		106	78.6-121			
Surrogate: 1-Chlorooctane	*44.7*		mg/kg	*50.0*		*89.3*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.9*		mg/kg	*50.0*		*85.8*	*39.9-141*			
LCS Dup (6042050-BSD1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	211	10.0	mg/kg	200		105	78.7-123	2.06	11.3	
DRO >C10-C28	222	10.0	mg/kg	200		111	74.8-123	2.24	10.9	
Total TPH C6-C28	432	10.0	mg/kg	400		108	78.6-121	2.15	10.5	
Surrogate: 1-Chlorooctane	*44.1*		mg/kg	*50.0*		*88.2*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.3*		mg/kg	*50.0*		*84.6*	*39.9-141*			

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H262248

Page 1 of 3

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°C
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6°C
Total Containers:		Corrected Temperature:	-5.5°C

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
1	CS-39 (2')	4/16/2026	1002	X		C	1	X	X	X
2	CS-40 (2')	4/16/2026	1004	X		C	1	X	X	X
3	CS-41 (2')	4/16/2026	1006	X		C	1	X	X	X
4	CS-42 (2')	4/16/2026	1008	X		C	1	X	X	X
5	CS-43 (2')	4/16/2026	1010	X		C	1	X	X	X
6	CS-44 (2')	4/16/2026	1012	X		C	1	X	X	X
7	CS-45 (2')	4/16/2026	1014	X		C	1	X	X	X
8	CS-46 (2')	4/16/2026	1016	X		C	1	X	X	X
9	CS-47 (2')	4/16/2026	1018	X		C	1	X	X	X
10	CS-48 (2')	4/16/2026	1020	X		C	1	X	X	X

Parameters

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850	Navarro Hilbert	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H263248

Page 2 of 3

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT

Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°C
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6°C
Total Containers:		Corrected Temperature:	-5.5°C

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11	CS-49 (2')	4/16/2026	1022	X		C	1		X	X	X	
12	CS-50 (2')	4/16/2026	1024	X		C	1		X	X	X	
13	CS-51 (2')	4/16/2026	1026	X		C	1		X	X	X	
14	CS-52 (2')	4/16/2026	1028	X		C	1		X	X	X	
15	CS-53 (2')	4/16/2026	1030	X		C	1		X	X	X	
16	CS-54 (2')	4/16/2026	1032	X		C	1		X	X	X	
17	CS-55 (2')	4/16/2026	1034	X		C	1		X	X	X	
18	CS-56 (2')	4/16/2026	1036	X		C	1		X	X	X	
19	CS-57 (2')	4/16/2026	1038	X		C	1		X	X	X	
20	CS-58 (2')	4/16/2026	1040	X		C	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850	Tamara Oldaker	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

Chain of Custody

Work Order No: H202248

Page 3 of 3

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°C	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6°C	
Total Containers:		Corrected Temperature:	-5.5°C	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
21	CS-59 (2')	4/16/2026	1042	X		C	1		X	X	X	
22	CS-60 (2')	4/16/2026	1044	X		C	1		X	X	X	
23	CS-61 (2')	4/16/2026	1046	X		C	1		X	X	X	
24	SW-22 (2')	4/16/2026	1048	X		C	1		X	X	X	
25	SW-23 (2')	4/16/2026	1050	X		C	1		X	X	X	
26	SW-24 (2')	4/16/2026	1052	X		C	1		X	X	X	
27	SW-25 (2')	4/16/2026	1054	X		C	1		X	X	X	
28	SW-26 (2')	4/16/2026	1056	X		C	1		X	X	X	
29	SW-27 (2')	4/16/2026	1058	X		C	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850	Tamara Mdaffer	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

CARDINAL Laboratories

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

April 23, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 04/22/26 8:35.

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.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 62 (4')	H262304-01	Soil	17-Apr-26 08:00	22-Apr-26 08:35
CS - 63 (4')	H262304-02	Soil	17-Apr-26 08:02	22-Apr-26 08:35
CS - 64 (4')	H262304-03	Soil	17-Apr-26 08:04	22-Apr-26 08:35
CS - 65 (4')	H262304-04	Soil	17-Apr-26 08:06	22-Apr-26 08:35
CS - 66 (4')	H262304-05	Soil	17-Apr-26 08:08	22-Apr-26 08:35
CS - 67 (4')	H262304-06	Soil	17-Apr-26 08:10	22-Apr-26 08:35
CS - 68 (4')	H262304-07	Soil	17-Apr-26 08:12	22-Apr-26 08:35
CS - 69 (4')	H262304-08	Soil	17-Apr-26 08:14	22-Apr-26 08:35
CS - 70 (4')	H262304-09	Soil	17-Apr-26 08:16	22-Apr-26 08:35
SW - 28 (4')	H262304-10	Soil	17-Apr-26 08:18	22-Apr-26 08:35
SW - 29 (4')	H262304-11	Soil	17-Apr-26 08:20	22-Apr-26 08:35
SW - 30 (4')	H262304-12	Soil	17-Apr-26 08:22	22-Apr-26 08:35
SW - 31 (4')	H262304-13	Soil	17-Apr-26 08:24	22-Apr-26 08:35

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 62 (4')

H262304-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.0 %*	*70.4-141*		*6042134*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*69.7 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*64.7 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 63 (4')

H262304-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.6 %*	*70.4-141*		*6042134*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*78.8 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.7 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 64 (4')

H262304-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.3 %*	*70.4-141*		*6042134*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*76.8 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.4 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 65 (4')

H262304-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.3 %*	*70.4-141*		*6042134*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.8 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.1 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 66 (4')

H262304-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.3 %*	*70.4-141*		*6042134*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*76.3 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.4 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 67 (4')

H262304-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.7 %*	*70.4-141*		*6042134*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.7 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.9 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 68 (4')

H262304-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.5 %*	*70.4-141*		*6042134*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.0 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.3 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 69 (4')

H262304-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042134	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.8 %*	*70.4-141*		*6042134*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*73.7 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*67.7 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

CS - 70 (4')

H262304-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**288**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.3 %*	*70.4-141*		*6042221*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.4 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.9 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

SW - 28 (4')

H262304-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*70.4-141*		*6042221*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*71.6 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.2 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

SW - 29 (4')

H262304-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.9 %*	*70.4-141*		*6042221*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.3 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.5 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

SW - 30 (4')

H262304-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*70.4-141*		*6042221*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*75.8 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*69.7 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

SW - 31 (4')

H262304-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042133	AC	22-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042221	JH	22-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.2 %*	*70.4-141*		*6042221*	JH	*22-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042137	JF	22-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*80.6 %*	*52.4-130*		*6042137*	JF	*22-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.5 %*	*39.9-141*		*6042137*	JF	*22-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042133 - 1:4 DI Water										
Blank (6042133-BLK1)				Prepared & Analyzed: 22-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042133-BS1)				Prepared & Analyzed: 22-Apr-26						
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (6042133-BSD1)				Prepared & Analyzed: 22-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042134 - Volatiles										
Blank (6042134-BLK1)				Prepared: 21-Apr-26 Analyzed: 22-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*95.1*	*70.4-141*			
LCS (6042134-BS1)				Prepared: 21-Apr-26 Analyzed: 22-Apr-26						
Benzene	2.17	0.050	mg/kg	2.00		108	71-111			
Toluene	2.03	0.050	mg/kg	2.00		101	75-116			
Ethylbenzene	1.94	0.050	mg/kg	2.00		96.9	74.2-119			
m,p-Xylene	3.74	0.100	mg/kg	4.00		93.5	72.5-123			
o-Xylene	1.90	0.050	mg/kg	2.00		94.9	70.5-124			
Total Xylenes	5.64	0.150	mg/kg	6.00		94.0	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0464*		mg/kg	*0.0500*		*92.9*	*70.4-141*			
LCS Dup (6042134-BSD1)				Prepared: 21-Apr-26 Analyzed: 22-Apr-26						
Benzene	2.20	0.050	mg/kg	2.00		110	71-111	1.35	17.6	
Toluene	2.07	0.050	mg/kg	2.00		104	75-116	2.12	14.8	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.4	74.2-119	2.50	14.2	
m,p-Xylene	3.84	0.100	mg/kg	4.00		96.0	72.5-123	2.68	13.6	
o-Xylene	1.93	0.050	mg/kg	2.00		96.7	70.5-124	1.81	13.7	
Total Xylenes	5.77	0.150	mg/kg	6.00		96.2	72.2-123	2.39	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0469*		mg/kg	*0.0500*		*93.8*	*70.4-141*			
Batch 6042221 - Volatiles										
Blank (6042221-BLK1)				Prepared & Analyzed: 22-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042221 - Volatiles										
Blank (6042221-BLK1)				Prepared & Analyzed: 22-Apr-26						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*95.3*	*70.4-141*			
LCS (6042221-BS1)				Prepared & Analyzed: 22-Apr-26						
Benzene	2.13	0.050	mg/kg	2.00		107	71-111			
Toluene	2.00	0.050	mg/kg	2.00		100	75-116			
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.0	74.2-119			
m,p-Xylene	3.71	0.100	mg/kg	4.00		92.8	72.5-123			
o-Xylene	1.87	0.050	mg/kg	2.00		93.7	70.5-124			
Total Xylenes	5.58	0.150	mg/kg	6.00		93.1	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0456*		mg/kg	*0.0500*		*91.2*	*70.4-141*			
LCS Dup (6042221-BSD1)				Prepared & Analyzed: 22-Apr-26						
Benzene	2.19	0.050	mg/kg	2.00		110	71-111	2.66	17.6	
Toluene	2.05	0.050	mg/kg	2.00		103	75-116	2.62	14.8	
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.9	74.2-119	1.94	14.2	
m,p-Xylene	3.78	0.100	mg/kg	4.00		94.6	72.5-123	1.95	13.6	
o-Xylene	1.91	0.050	mg/kg	2.00		95.6	70.5-124	2.02	13.7	
Total Xylenes	5.70	0.150	mg/kg	6.00		94.9	72.2-123	1.98	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0460*		mg/kg	*0.0500*		*92.0*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 23-Apr-26 08:40

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042137 - General Prep - Organics										
Blank (6042137-BLK1)				Prepared: 21-Apr-26 Analyzed: 22-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*39.5*		mg/kg	*50.0*		*79.0*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*36.6*		mg/kg	*50.0*		*73.2*	*39.9-141*			
LCS (6042137-BS1)				Prepared: 21-Apr-26 Analyzed: 22-Apr-26						
GRO C6-C10	210	10.0	mg/kg	200		105	78.7-123			
DRO >C10-C28	217	10.0	mg/kg	200		109	74.8-123			
Total TPH C6-C28	427	10.0	mg/kg	400		107	78.6-121			
Surrogate: 1-Chlorooctane	*43.7*		mg/kg	*50.0*		*87.5*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*41.7*		mg/kg	*50.0*		*83.5*	*39.9-141*			
LCS Dup (6042137-BSD1)				Prepared: 21-Apr-26 Analyzed: 22-Apr-26						
GRO C6-C10	196	10.0	mg/kg	200		98.1	78.7-123	6.66	11.3	
DRO >C10-C28	209	10.0	mg/kg	200		104	74.8-123	4.05	10.9	
Total TPH C6-C28	405	10.0	mg/kg	400		101	78.6-121	5.32	10.5	
Surrogate: 1-Chlorooctane	*44.8*		mg/kg	*50.0*		*89.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*43.0*		mg/kg	*50.0*		*85.9*	*39.9-141*			

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Notes and Definitions

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

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Chain of Custody

Work Order No: H262304

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	
Project Number:	3049	☐ Routine ☑ Rush	
Project Location	Eddy County, New Mexico	Due Date:	24 Hr TAT
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	1.4	
Total Containers:		Corrected Temperature:	1.5	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-62 (4')	4/17/2026	0800	X		C	1		X	X	X	1
CS-63 (4')	4/17/2026	0802	X		C	1		X	X	X	2
CS-64 (4')	4/17/2026	0804	X		C	1		X	X	X	3
CS-65 (4')	4/17/2026	0806	X		C	1		X	X	X	4
CS-66 (4')	4/17/2026	0808	X		C	1		X	X	X	5
CS-67 (4')	4/17/2026	0810	X		C	1		X	X	X	6
CS-68 (4')	4/17/2026	0812	X		C	1		X	X	X	7
CS-69 (4')	4/17/2026	0814	X		C	1		X	X	X	8
CS-70 (4')	4/17/2026	0816	X		C	1		X	X	X	9
SW-28 (4')	4/17/2026	0818	X		C	1		X	X	X	10

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

NO LABELS

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	4.22.26 835	Applicus	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

Page 331 of 419

Chain of Custody

Work Order No: H262304

Page 2 of 2

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Eiem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.4
Total Containers:		Corrected Temperature:	1.5

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-29 (4')	4/17/2026	0820	X		C	1		X	X	X	11
SW-30 (4')	4/17/2026	0822	X		C	1		X	X	X	12
SW-31 (4')	4/17/2026	0824	X		C	1		X	X	X	13

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	4.22.26 835		

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

CARDINAL Laboratories

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

April 24, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 04/23/26 12:37.

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.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 71 (3')	H262345-01	Soil	23-Apr-26 08:00	23-Apr-26 12:37
CS - 72 (3')	H262345-02	Soil	23-Apr-26 08:02	23-Apr-26 12:37
CS - 73 (3')	H262345-03	Soil	23-Apr-26 08:04	23-Apr-26 12:37
CS - 74 (3')	H262345-04	Soil	23-Apr-26 08:06	23-Apr-26 12:37
CS - 75 (3')	H262345-05	Soil	23-Apr-26 08:08	23-Apr-26 12:37
CS - 76 (3')	H262345-06	Soil	23-Apr-26 08:10	23-Apr-26 12:37
CS - 77 (3')	H262345-07	Soil	23-Apr-26 08:12	23-Apr-26 12:37
CS - 78 (3')	H262345-08	Soil	23-Apr-26 08:14	23-Apr-26 12:37
CS - 79 (3')	H262345-09	Soil	23-Apr-26 08:16	23-Apr-26 12:37
CS - 80 (3')	H262345-10	Soil	23-Apr-26 08:18	23-Apr-26 12:37
CS - 81 (3')	H262345-11	Soil	23-Apr-26 08:20	23-Apr-26 12:37
CS - 82 (3')	H262345-12	Soil	23-Apr-26 08:22	23-Apr-26 12:37
CS - 83 (3')	H262345-13	Soil	23-Apr-26 08:24	23-Apr-26 12:37
CS - 84 (3')	H262345-14	Soil	23-Apr-26 08:26	23-Apr-26 12:37
CS - 85 (3')	H262345-15	Soil	23-Apr-26 08:28	23-Apr-26 12:37
CS - 86 (3')	H262345-16	Soil	23-Apr-26 08:30	23-Apr-26 12:37
CS - 87 (3')	H262345-17	Soil	23-Apr-26 08:32	23-Apr-26 12:37
CS - 88 (3')	H262345-18	Soil	23-Apr-26 08:34	23-Apr-26 12:37
CS - 89 (3')	H262345-19	Soil	23-Apr-26 08:36	23-Apr-26 12:37
CS - 90 (3')	H262345-20	Soil	23-Apr-26 08:38	23-Apr-26 12:37
CS - 91 (3')	H262345-21	Soil	23-Apr-26 08:40	23-Apr-26 12:37
CS - 92 (3')	H262345-22	Soil	23-Apr-26 08:42	23-Apr-26 12:37
CS - 93 (3')	H262345-23	Soil	23-Apr-26 08:44	23-Apr-26 12:37
CS - 94 (3')	H262345-24	Soil	23-Apr-26 08:46	23-Apr-26 12:37
CS - 95 (3')	H262345-25	Soil	23-Apr-26 08:48	23-Apr-26 12:37
CS - 96 (3')	H262345-26	Soil	23-Apr-26 08:50	23-Apr-26 12:37
CS - 97 (3')	H262345-27	Soil	23-Apr-26 08:52	23-Apr-26 12:37

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 98 (3')	H262345-28	Soil	23-Apr-26 08:54	23-Apr-26 12:37
CS - 99 (3')	H262345-29	Soil	23-Apr-26 08:56	23-Apr-26 12:37
CS - 100 (3')	H262345-30	Soil	23-Apr-26 08:58	23-Apr-26 12:37
CS - 101 (3')	H262345-31	Soil	23-Apr-26 09:00	23-Apr-26 12:37
CS - 102 (3')	H262345-32	Soil	23-Apr-26 09:02	23-Apr-26 12:37
SW - 32 (3')	H262345-33	Soil	23-Apr-26 09:04	23-Apr-26 12:37
SW - 33 (3')	H262345-34	Soil	23-Apr-26 09:06	23-Apr-26 12:37
SW - 34 (3')	H262345-35	Soil	23-Apr-26 09:08	23-Apr-26 12:37
SW - 35 (3')	H262345-36	Soil	23-Apr-26 09:10	23-Apr-26 12:37
SW - 36 (3')	H262345-37	Soil	23-Apr-26 09:12	23-Apr-26 12:37
SW - 37 (3')	H262345-38	Soil	23-Apr-26 09:14	23-Apr-26 12:37
SW - 38 (3')	H262345-39	Soil	23-Apr-26 09:16	23-Apr-26 12:37
SW - 39 (3')	H262345-40	Soil	23-Apr-26 09:18	23-Apr-26 12:37
SW - 40 (3')	H262345-41	Soil	23-Apr-26 09:20	23-Apr-26 12:37
SW - 41 (3')	H262345-42	Soil	23-Apr-26 09:22	23-Apr-26 12:37
SW - 42 (3')	H262345-43	Soil	23-Apr-26 09:24	23-Apr-26 12:37
SW - 43 (3')	H262345-44	Soil	23-Apr-26 09:26	23-Apr-26 12:37
SW - 44 (3')	H262345-45	Soil	23-Apr-26 09:28	23-Apr-26 12:37
SW - 45 (3')	H262345-46	Soil	23-Apr-26 09:30	23-Apr-26 12:37

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 71 (3')

H262345-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.3 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.3 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.2 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 72 (3')

H262345-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.7 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*76.6 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.6 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 73 (3')

H262345-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.4 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*79.9 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.7 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 74 (3')

H262345-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.9 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*71.9 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.7 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 75 (3')

H262345-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.8 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	JF	24-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	JF	24-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	JF	24-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*86.1 %*	*52.4-130*		*6042341*	JF	*24-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*86.7 %*	*39.9-141*		*6042341*	JF	*24-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 76 (3')

H262345-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.6 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*72.4 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*65.4 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 77 (3')

H262345-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.0 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*68.1 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*61.3 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 78 (3')

H262345-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.4 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*69.6 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*65.6 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 79 (3')

H262345-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.2 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*76.6 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.2 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 80 (3')

H262345-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.9 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*84.5 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.2 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 81 (3')

H262345-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.0 %*	*70.4-141*		*6042335*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.7 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.0 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 82 (3')

H262345-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.3 %*	*70.4-141*		*6042335*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*54.3 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*49.5 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 83 (3')

H262345-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.3 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*78.3 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.3 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 84 (3')

H262345-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*65.4 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*59.6 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 85 (3')

H262345-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.4 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*79.6 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.3 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 86 (3')

H262345-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.8 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*68.8 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*62.2 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 87 (3')

H262345-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	6042339	SA	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*64.1 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*58.7 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 88 (3')

H262345-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.6 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*72.3 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.3 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 89 (3')

H262345-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.9 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.7 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.0 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 90 (3')

H262345-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.0 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.2 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.2 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 91 (3')

H262345-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.8 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*54.9 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*50.1 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 92 (3')

H262345-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.3 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*71.1 %*	*52.4-130*		*6042341*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*67.2 %*	*39.9-141*		*6042341*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 93 (3')

H262345-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.9 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	24-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	24-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	24-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*63.2 %*	*52.4-130*		*6042341*	MS	*24-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*57.8 %*	*39.9-141*		*6042341*	MS	*24-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 94 (3')

H262345-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.1 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042341	MS	24-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042341	MS	24-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042341	MS	24-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*76.9 %*	*52.4-130*		*6042341*	MS	*24-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.6 %*	*39.9-141*		*6042341*	MS	*24-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 95 (3')

H262345-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.5 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.3 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.9 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 96 (3')

H262345-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.5 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.3 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.0 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 97 (3')

H262345-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.5 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*85.8 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.5 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 98 (3')

H262345-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.5 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.0 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.5 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 99 (3')

H262345-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.3 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*86.1 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.5 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 100 (3')

H262345-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.6 %*	*70.4-141*		*6042337*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*80.4 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.9 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 101 (3')

H262345-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.2 %*	*70.4-141*		*6042337*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*71.8 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*69.4 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

CS - 102 (3')

H262345-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042337	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.1 %*	*70.4-141*		*6042337*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*76.5 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.0 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 32 (3')

H262345-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.2 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.3 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.9 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 33 (3')

H262345-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.0 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.4 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.6 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 34 (3')

H262345-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.5 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*73.1 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.1 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 35 (3')

H262345-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.5 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*78.6 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.4 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 36 (3')

H262345-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042340	KH	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.0 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*78.6 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.6 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 37 (3')

H262345-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.1 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.0 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.3 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 38 (3')

H262345-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.4 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*71.9 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.9 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 39 (3')

H262345-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.1 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.5 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.1 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 40 (3')

H262345-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.7 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*80.1 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.4 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 41 (3')

H262345-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**112**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.8 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*80.3 %*	*52.4-130*		*6042343*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.5 %*	*39.9-141*		*6042343*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 42 (3')

H262345-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.6 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	24-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	24-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	24-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*87.0 %*	*52.4-130*		*6042343*	MS	*24-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.5 %*	*39.9-141*		*6042343*	MS	*24-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 43 (3')

H262345-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.0 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042343	MS	24-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042343	MS	24-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042343	MS	24-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.3 %*	*52.4-130*		*6042343*	MS	*24-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.0 %*	*39.9-141*		*6042343*	MS	*24-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 44 (3')

H262345-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.9 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042344	JF	24-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042344	JF	24-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042344	JF	24-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.4 %*	*52.4-130*		*6042344*	JF	*24-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.3 %*	*39.9-141*		*6042344*	JF	*24-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

SW - 45 (3')

H262345-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042342	AC	24-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042338	JH	24-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.7 %*	*70.4-141*		*6042338*	JH	*24-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042344	JF	24-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042344	JF	24-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042344	JF	24-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*80.5 %*	*52.4-130*		*6042344*	JF	*24-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.1 %*	*39.9-141*		*6042344*	JF	*24-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042339 - 1:4 DI Water										
Blank (6042339-BLK1)				Prepared: 23-Apr-26 Analyzed: 24-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042339-BS1)				Prepared: 23-Apr-26 Analyzed: 24-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6042339-BSD1)				Prepared: 23-Apr-26 Analyzed: 24-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 6042340 - 1:4 DI Water										
Blank (6042340-BLK1)				Prepared: 23-Apr-26 Analyzed: 24-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042340-BS1)				Prepared: 23-Apr-26 Analyzed: 24-Apr-26						
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (6042340-BSD1)				Prepared: 23-Apr-26 Analyzed: 24-Apr-26						
Chloride	448	16.0	mg/kg	400		112	80-120	0.00	20	
Batch 6042342 - 1:4 DI Water										
Blank (6042342-BLK1)				Prepared & Analyzed: 24-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042342-BS1)				Prepared & Analyzed: 24-Apr-26						
Chloride	464	16.0	mg/kg	400		116	80-120			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042342 - 1:4 DI Water										
LCS Dup (6042342-BSD1)				Prepared & Analyzed: 24-Apr-26						
Chloride	464	16.0	mg/kg	400		116	80-120	0.00	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042335 - Volatiles										
Blank (6042335-BLK1)				Prepared & Analyzed: 23-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*92.7*	*70.4-141*			
LCS (6042335-BS1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.05	0.050	mg/kg	2.00		103	71-111			
Toluene	2.01	0.050	mg/kg	2.00		100	75-116			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.2	74.2-119			
m,p-Xylene	4.06	0.100	mg/kg	4.00		101	72.5-123			
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	70.5-124			
Total Xylenes	5.99	0.150	mg/kg	6.00		99.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0471*		mg/kg	*0.0500*		*94.2*	*70.4-141*			
LCS Dup (6042335-BSD1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.05	0.050	mg/kg	2.00		102	71-111	0.412	17.6	
Toluene	2.00	0.050	mg/kg	2.00		100	75-116	0.236	14.8	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.3	74.2-119	0.0158	14.2	
m,p-Xylene	4.06	0.100	mg/kg	4.00		102	72.5-123	0.00806	13.6	
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	70.5-124	0.0273	13.7	
Total Xylenes	5.99	0.150	mg/kg	6.00		99.8	72.2-123	0.00334	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0476*		mg/kg	*0.0500*		*95.2*	*70.4-141*			
Batch 6042337 - Volatiles										
Blank (6042337-BLK1)				Prepared & Analyzed: 23-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042337 - Volatiles										
Blank (6042337-BLK1)				Prepared & Analyzed: 23-Apr-26						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*94.2*	*70.4-141*			
LCS (6042337-BS1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.15	0.050	mg/kg	2.00		107	71-111			
Toluene	2.01	0.050	mg/kg	2.00		101	75-116			
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.6	74.2-119			
m,p-Xylene	3.72	0.100	mg/kg	4.00		93.1	72.5-123			
o-Xylene	1.88	0.050	mg/kg	2.00		94.2	70.5-124			
Total Xylenes	5.61	0.150	mg/kg	6.00		93.5	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0462*		mg/kg	*0.0500*		*92.3*	*70.4-141*			
LCS Dup (6042337-BSD1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.12	0.050	mg/kg	2.00		106	71-111	1.49	17.6	
Toluene	1.98	0.050	mg/kg	2.00		99.2	75-116	1.33	14.8	
Ethylbenzene	1.90	0.050	mg/kg	2.00		95.2	74.2-119	1.44	14.2	
m,p-Xylene	3.67	0.100	mg/kg	4.00		91.7	72.5-123	1.54	13.6	
o-Xylene	1.86	0.050	mg/kg	2.00		93.2	70.5-124	1.08	13.7	
Total Xylenes	5.53	0.150	mg/kg	6.00		92.2	72.2-123	1.38	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0460*		mg/kg	*0.0500*		*92.0*	*70.4-141*			
Batch 6042338 - Volatiles										
Blank (6042338-BLK1)				Prepared: 23-Apr-26 Analyzed: 24-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*91.0*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042338 - Volatiles										
LCS (6042338-BS1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.17	0.050	mg/kg	2.00		109	71-111			
Toluene	1.91	0.050	mg/kg	2.00		95.7	75-116			
Ethylbenzene	1.86	0.050	mg/kg	2.00		93.0	74.2-119			
m,p-Xylene	3.76	0.100	mg/kg	4.00		94.1	72.5-123			
o-Xylene	1.87	0.050	mg/kg	2.00		93.3	70.5-124			
Total Xylenes	5.63	0.150	mg/kg	6.00		93.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0426*		mg/kg	*0.0500*		*85.2*	*70.4-141*			
LCS Dup (6042338-BSD1)				Prepared: 23-Apr-26 Analyzed: 24-Apr-26						
Benzene	2.10	0.050	mg/kg	2.00		105	71-111	3.51	17.6	
Toluene	1.85	0.050	mg/kg	2.00		92.6	75-116	3.26	14.8	
Ethylbenzene	1.77	0.050	mg/kg	2.00		88.6	74.2-119	4.80	14.2	
m,p-Xylene	3.59	0.100	mg/kg	4.00		89.6	72.5-123	4.80	13.6	
o-Xylene	1.77	0.050	mg/kg	2.00		88.5	70.5-124	5.26	13.7	
Total Xylenes	5.36	0.150	mg/kg	6.00		89.3	72.2-123	4.95	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0418*		mg/kg	*0.0500*		*83.7*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042324 - General Prep - Organics										
Blank (6042324-BLK1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*40.7*		mg/kg	*50.0*		*81.3*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*39.9*		mg/kg	*50.0*		*79.9*	*39.9-141*			
LCS (6042324-BS1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	189	10.0	mg/kg	200		94.6	78.7-123			
DRO >C10-C28	200	10.0	mg/kg	200		99.9	74.8-123			
Total TPH C6-C28	389	10.0	mg/kg	400		97.2	78.6-121			
Surrogate: 1-Chlorooctane	*44.8*		mg/kg	*50.0*		*89.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*44.1*		mg/kg	*50.0*		*88.2*	*39.9-141*			
LCS Dup (6042324-BSD1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	182	10.0	mg/kg	200		91.2	78.7-123	3.66	11.3	
DRO >C10-C28	190	10.0	mg/kg	200		94.8	74.8-123	5.24	10.9	
Total TPH C6-C28	372	10.0	mg/kg	400		93.0	78.6-121	4.47	10.5	
Surrogate: 1-Chlorooctane	*46.8*		mg/kg	*50.0*		*93.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.4*		mg/kg	*50.0*		*84.9*	*39.9-141*			
Batch 6042341 - General Prep - Organics										
Blank (6042341-BLK1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*43.5*		mg/kg	*50.0*		*86.9*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*40.1*		mg/kg	*50.0*		*80.3*	*39.9-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042341 - General Prep - Organics										
LCS (6042341-BS1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	207	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	218	10.0	mg/kg	200		109	74.8-123			
Total TPH C6-C28	425	10.0	mg/kg	400		106	78.6-121			
Surrogate: 1-Chlorooctane	*47.8*		mg/kg	*50.0*		*95.7*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*43.6*		mg/kg	*50.0*		*87.1*	*39.9-141*			
LCS Dup (6042341-BSD1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	206	10.0	mg/kg	200		103	78.7-123	0.460	11.3	
DRO >C10-C28	216	10.0	mg/kg	200		108	74.8-123	1.33	10.9	
Total TPH C6-C28	421	10.0	mg/kg	400		105	78.6-121	0.905	10.5	
Surrogate: 1-Chlorooctane	*47.6*		mg/kg	*50.0*		*95.3*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*43.2*		mg/kg	*50.0*		*86.4*	*39.9-141*			
Batch 6042343 - General Prep - Organics										
Blank (6042343-BLK1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*48.7*		mg/kg	*50.0*		*97.3*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*47.6*		mg/kg	*50.0*		*95.3*	*39.9-141*			
LCS (6042343-BS1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	189	10.0	mg/kg	200		94.5	78.7-123			
DRO >C10-C28	193	10.0	mg/kg	200		96.7	74.8-123			
Total TPH C6-C28	382	10.0	mg/kg	400		95.6	78.6-121			
Surrogate: 1-Chlorooctane	*53.7*		mg/kg	*50.0*		*107*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*53.2*		mg/kg	*50.0*		*106*	*39.9-141*			

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CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 24-Apr-26 11:58

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042343 - General Prep - Organics										
LCS Dup (6042343-BSD1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	189	10.0	mg/kg	200		94.6	78.7-123	0.140	11.3	
DRO >C10-C28	192	10.0	mg/kg	200		95.8	74.8-123	0.999	10.9	
Total TPH C6-C28	381	10.0	mg/kg	400		95.2	78.6-121	0.435	10.5	
Surrogate: 1-Chlorooctane	*53.1*		mg/kg	*50.0*		*106*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*53.2*		mg/kg	*50.0*		*106*	*39.9-141*			
Batch 6042344 - General Prep - Organics										
Blank (6042344-BLK1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*47.1*		mg/kg	*50.0*		*94.1*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.7*		mg/kg	*50.0*		*85.4*	*39.9-141*			
LCS (6042344-BS1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	192	10.0	mg/kg	200		95.9	78.7-123			
DRO >C10-C28	203	10.0	mg/kg	200		102	74.8-123			
Total TPH C6-C28	395	10.0	mg/kg	400		98.8	78.6-121			
Surrogate: 1-Chlorooctane	*50.7*		mg/kg	*50.0*		*101*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*46.7*		mg/kg	*50.0*		*93.3*	*39.9-141*			
LCS Dup (6042344-BSD1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	193	10.0	mg/kg	200		96.3	78.7-123	0.417	11.3	
DRO >C10-C28	202	10.0	mg/kg	200		101	74.8-123	0.427	10.9	
Total TPH C6-C28	395	10.0	mg/kg	400		98.7	78.6-121	0.0162	10.5	
Surrogate: 1-Chlorooctane	*50.2*		mg/kg	*50.0*		*100*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*46.8*		mg/kg	*50.0*		*93.5*	*39.9-141*			

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Notes and Definitions

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

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Page 59 of 63

Chain of Custody

Work Order No: H262345

Page 1 of 5

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	2.5
Total Containers:		Corrected Temperature:	2.6

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1 CS-71 (3')	4/23/2026	0800	X		C	1	X	X	X	
2 CS-72 (3')	4/23/2026	0802	X		C	1	X	X	X	
3 CS-73 (3')	4/23/2026	0804	X		C	1	X	X	X	
4 CS-74 (3')	4/23/2026	0806	X		C	1	X	X	X	
5 CS-75 (3')	4/23/2026	0808	X		C	1	X	X	X	
6 CS-76 (3')	4/23/2026	0810	X		C	1	X	X	X	
7 CS-77 (3')	4/23/2026	0812	X		C	1	X	X	X	
8 CS-78 (3')	4/23/2026	0814	X		C	1	X	X	X	
9 CS-79 (3')	4/23/2026	0816	X		C	1	X	X	X	
10 CS-80 (3')	4/23/2026	0818	X		C	1	X	X	X	

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

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/23/26 1237	S Rodriguez	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H262345

Page 2 of 5

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.5
Total Containers:		Corrected Temperature:	2.6

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11	CS-81 (3')	4/23/2026	0820	X		C	1		X	X	X	
12	CS-82 (3')	4/23/2026	0822	X		C	1		X	X	X	
13	CS-83 (3')	4/23/2026	0824	X		C	1		X	X	X	
14	CS-84 (3')	4/23/2026	0826	X		C	1		X	X	X	
15	CS-85 (3')	4/23/2026	0828	X		C	1		X	X	X	
16	CS-86 (3')	4/23/2026	0830	X		C	1		X	X	X	
17	CS-87 (3')	4/23/2026	0832	X		C	1		X	X	X	
18	CS-88 (3')	4/23/2026	0834	X		C	1		X	X	X	
19	CS-89 (3')	4/23/2026	0836	X		C	1		X	X	X	
20	CS-90 (3')	4/23/2026	0838	X		C	1		X	X	X	

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

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/23/26 1237	S Rodriguez	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

Chain of Custody

Work Order No: H262345

Page 3 of 5

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	T40
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	2.5
Total Containers:		Corrected Temperature:	2.6

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
21	CS-91 (3')	4/23/2026	0840	X		C	1	X	X	X	
22	CS-92 (3')	4/23/2026	0842	X		C	1	X	X	X	
23	CS-93 (3')	4/23/2026	0844	X		C	1	X	X	X	
24	CS-94 (3')	4/23/2026	0846	X		C	1	X	X	X	
25	CS-95 (3')	4/23/2026	0848	X		C	1	X	X	X	
26	CS-96 (3')	4/23/2026	0850	X		C	1	X	X	X	
27	CS-97 (3')	4/23/2026	0852	X		C	1	X	X	X	
28	CS-98 (3')	4/23/2026	0854	X		C	1	X	X	X	
29	CS-99 (3')	4/23/2026	0856	X		C	1	X	X	X	
30	CS-100 (3')	4/23/2026	0858	X		C	1	X	X	X	

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

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/23/26 1237	S Rodriguez	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H262345

Page 4 of 5

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	T40
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	3.5
Total Containers:		Corrected Temperature:	3.6

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
31 CS-101 (3')	4/23/2026	0900	X		C	1	X	X	X
32 CS-102 (3')	4/23/2026	0902	X		C	1	X	X	X
33 SW-32 (3')	4/23/2026	0904	X		C	1	X	X	X
34 SW-33 (3')	4/23/2026	0906	X		C	1	X	X	X
35 SW-34 (3')	4/23/2026	0908	X		C	1	X	X	X
36 SW-35 (3')	4/23/2026	0910	X		C	1	X	X	X
37 SW-36 (3')	4/23/2026	0912	X		C	1	X	X	X
38 SW-37 (3')	4/23/2026	0914	X		C	1	X	X	X
39 SW-38 (3')	4/23/2026	0916	X		C	1	X	X	X
40 SW-39 (3')	4/23/2026	0918	X		C	1	X	X	X

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

NO Labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/23/26 1237	S Rodriguez	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

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Chain of Custody

Work Order No: H262345

Page 5 of 5

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.5
Total Containers:		Corrected Temperature:	2.6

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
41	SW-40 (3')	4/23/2026	0920	X		C	1		X	X	X	
42	SW-41 (3')	4/23/2026	0922	X		C	1		X	X	X	
43	SW-42 (3')	4/23/2026	0924	X		C	1		X	X	X	
44	SW-43 (3')	4/23/2026	0926	X		C	1		X	X	X	
45	SW-44 (3')	4/23/2026	0928	X		C	1		X	X	X	
46	SW-45 (3')	4/23/2026	0930	X		C	1		X	X	X	

Parameters

ANALYSIS REQUEST

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

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/23/26 1237	S Rodriguez	

Received by OCD: 6/2/2026 7:54:01 AM

Released to Imaging: 6/10/2026 8:59:50 AM

CARDINAL Laboratories

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

April 21, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 04/20/26 8:50.

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.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:18

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BACKFILL	H262247-01	Soil	16-Apr-26 08:00	20-Apr-26 08:50

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:18

BACKFILL

H262247-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*70.4-141*		*6042031*	JH	*20-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.0 %*	*52.4-130*		*6042049*	MS	*20-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.6 %*	*39.9-141*		*6042049*	MS	*20-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:18

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042041 - 1:4 DI Water										
Blank (6042041-BLK1)				Prepared & Analyzed: 20-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042041-BS1)				Prepared & Analyzed: 20-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6042041-BSD1)				Prepared & Analyzed: 20-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:18

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042031 - Volatiles										
Blank (6042031-BLK1)				Prepared & Analyzed: 20-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.112*		mg/kg	*0.100*		*112*	*70.4-141*			
LCS (6042031-BS1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.13	0.050	mg/kg	2.00		106	71-111			
Toluene	2.15	0.050	mg/kg	2.00		107	75-116			
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	74.2-119			
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	72.5-123			
o-Xylene	2.43	0.050	mg/kg	2.00		121	70.5-124			
Total Xylenes	6.94	0.150	mg/kg	6.00		116	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.118*		mg/kg	*0.100*		*118*	*70.4-141*			
LCS Dup (6042031-BSD1)				Prepared & Analyzed: 20-Apr-26						
Benzene	2.17	0.050	mg/kg	2.00		108	71-111	2.06	17.6	
Toluene	2.24	0.050	mg/kg	2.00		112	75-116	4.34	14.8	
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	74.2-119	4.97	14.2	BS-3
m,p-Xylene	4.76	0.100	mg/kg	4.00		119	72.5-123	5.31	13.6	
o-Xylene	2.55	0.050	mg/kg	2.00		128	70.5-124	4.95	13.7	BS-3
Total Xylenes	7.31	0.150	mg/kg	6.00		122	72.2-123	5.19	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.119*		mg/kg	*0.100*		*119*	*70.4-141*			

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: DEEP ELEM RISER (10.24.25) Project Number: 3049 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Apr-26 09:18

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042049 - General Prep - Organics										
Blank (6042049-BLK1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*44.0*		mg/kg	*50.0*		*88.1*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.9*		mg/kg	*50.0*		*85.8*	*39.9-141*			
LCS (6042049-BS1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	206	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	212	10.0	mg/kg	200		106	74.8-123			
Total TPH C6-C28	418	10.0	mg/kg	400		104	78.6-121			
Surrogate: 1-Chlorooctane	*50.0*		mg/kg	*50.0*		*99.9*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.4*		mg/kg	*50.0*		*103*	*39.9-141*			
LCS Dup (6042049-BSD1)				Prepared & Analyzed: 20-Apr-26						
GRO C6-C10	215	10.0	mg/kg	200		107	78.7-123	4.34	11.3	
DRO >C10-C28	222	10.0	mg/kg	200		111	74.8-123	4.70	10.9	
Total TPH C6-C28	437	10.0	mg/kg	400		109	78.6-121	4.53	10.5	
Surrogate: 1-Chlorooctane	*50.5*		mg/kg	*50.0*		*101*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.8*		mg/kg	*50.0*		*104*	*39.9-141*			

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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Chain of Custody

Work Order No: H262248

To 4/29

Page 1 of 1

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3049	Due Date:	24 Hr TAT
Project Location	Eddy County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°C	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-5.6°C	
Total Containers:		Corrected Temperature:	-5.5°C	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1 Backfill	4/16/2026	0800	X		C	1		X	X	X	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

No Labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850		

Received by OCD: 6/2/2026 7:54:01 AM

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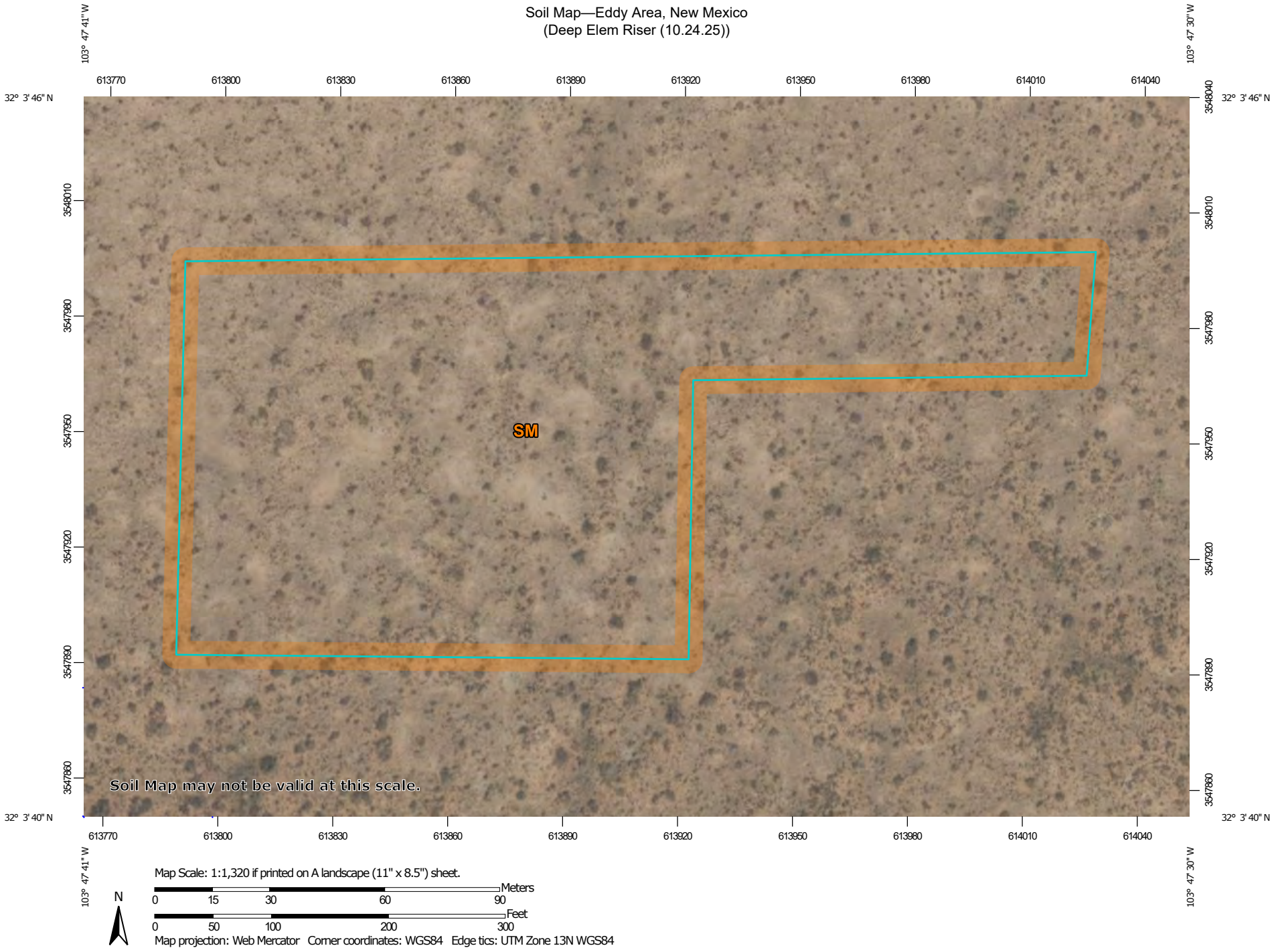
APPENDIX F

CARMONA RESOURCES

Soil Map—Eddy Area, New Mexico
(Deep Elem Riser (10.24.25))



Map Scale: 1:1,320 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 15 30 60 90

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

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Soil Map—Eddy Area, New Mexico
(Deep Elem Riser (10.24.25))

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 21, Sep 9, 2025

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.

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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SM	Simona-Bippus complex, 0 to 5 percent slopes	4.3	100.0%
Totals for Area of Interest		**4.3**	**100.0%**

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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: Alluvial fans, plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
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

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

Description of Bippus

Setting

Landform: Alluvial fans, flood plains
Landform position (three-dimensional): Talf, rise
Down-slope shape: Linear, convex
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

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Received by OCD: 6/2/2026 7:54:01 AM

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

Released to Imaging: 6/10/2026 8:59:50 AM

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:

Species	lb/acre
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

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

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

QUESTIONS

Action 590790

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2529752314**
Incident Name	**NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DEEP ELEM RISER
Date Release Discovered	10/24/2025
Surface Owner	Federal

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

Nature and Volume of Release	
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.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 600 BBL | Recovered: 430 BBL | Lost: 170 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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/02/2026

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (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 ½ and 1 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	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
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.	
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)	12900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
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	04/02/2026
On what date will (or did) the final sampling or liner inspection occur	05/17/2026
On what date will (or was) the remediation complete(d)	07/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	28300
What is the estimated volume (in cubic yards) that will be reclaimed	3205
What is the estimated surface area (in square feet) that will be remediated	28300
What is the estimated volume (in cubic yards) that will be remediated	3205
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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	*Not answered.*
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	TX
What is the name of the out-of-state facility	Desert Environmental Storage, Treatment and Disposal Facility
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
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: 06/02/2026
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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only *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.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**576289**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/24/2026**
What was the (estimated) number of samples that were to be gathered	**50**
What was the sampling surface area in square feet	**28300**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	25240
What was the total volume (cubic yards) remediated	3205
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	28950
What was the total volume (in cubic yards) reclaimed	3545
Summarize any additional remediation activities not included by answers (above)	Area seeded via tractor drill - BLM Seed Mix #2

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/02/2026

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

General Information
Phone: (505) 629-6116

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

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	28950
What was the total volume of replacement material (in cubic yards) for this site	3545
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	04/27/2026
Summarize any additional reclamation activities not included by answers (above)	Area seeded via tractor drill - BLM Seed Mix #2
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/02/2026

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 590790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	6/10/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/10/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	6/10/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/10/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	6/10/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	6/10/2026