

SITE INFORMATION

Closure Report
Cutbow East CTB (01.01.2025)
Incident ID: NAPP2500253232
Lea County, New Mexico
Unit P Sec 25 T19S R32E
32.626311°, -103.717989°

Crude Oil Release
Point of Release: Gasket on Heater Treater Failed
Release Date: 01.01.2025
Volume Released: 18 Barrels of Crude Oil
Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Coterra Energy Operating Co.
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706

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



TABLE OF CONTENTS

- 1.0 SITE INFORMATION AND BACKGROUND
- 2.0 SITE CHARACTERIZATION AND GROUNDWATER
- 3.0 NMAC REGULATORY CRITERIA
- 4.0 SITE ASSESSMENT ACTIVITIES
- 5.0 REMEDIATION ACTIVITIES
- **6.0 RECLAMATION ACTIVITIES**
- 7.0 LINER INSPECTION ACTIVITIES
- **8.0 CONCLUSIONS**

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4A-4B	EXCAVATION
FIGURE 5	RECLAMATION	FIGURE 6	CONTAINMENT

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS
APPENDIX F	LINER INTREGRITY CERTIFICATION

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



July 22, 2025

New Mexico Oil Conservation District 1220 South St, France Drive Santa Fe, NM 87505

Re: Closure Report

Cutbow East CTB (01.01.2025) Incident ID: NAPP2500253232 Coterra Energy Operating Co. Site Location: Unit P, S25, T19S, R32E

(Lat 32.626311°, Long -103.717989°)

Lea County, New Mexico

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra, formerly Avant Operating, LLC), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities for the Cutbow East CTB release. The site is located at 32.626311°, -103.717989° within Unit P, S25, T19S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 1, 2025, due to a gasket failing on a heater treated causing it to overspray on pad and in the pasture. It resulted in approximately eighteen (18) barrels of crude oil to be released, with zero (0) barrels of crude oil recovered. The release covered an area of approximately 27,190 square feet. The spill boundaries are shown in Figure 3. The Notification of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.23 miles East of the site in S25, T19S, 32E (32.625917°, -103.713639°) and was drilled in 2024. The GWDB was drilled to 55 feet below ground surface (ft bgs) and did not have evidence of groundwater. A copy of the associated well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

Initial Assessment

On April 23, 2025, Carmona Resources personnel performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) horizontal samples (H-1 through H-6) were installed to total depths of 0.5 ft bgs surrounding the release area. Due to unknown buried utilities in the area, vertical delineation will be completed during remediation activities. 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 Eurofins Labs in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Horizontal Delineation

Horizontal delineation was achieved in all Horizontal Samples for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Between June 24, 2025, and July 3, 2025, Carmona Resources was onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on June 24, 2025 and June 25, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of CS-1 through CS-25, with an estimated square footage of 6,225, was excavated to a depth of 3.0 ft bgs. The area of CS-64 through CS-88, with an estimated square footage of 13,928, was excavated to a depth of 1.0 ft bgs. The area of CS-64 through CS-88, with an estimated square footage of 6,463, was excavated to a depth of 1.5 ft bgs. A total of eighty-eight (88) confirmation floor samples (CS-1 through CS-88) were collected every 400 square feet, and twenty-two (22) sidewall samples (SW-1 through SW-22) 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 EPA 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 4B.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A composite sample of the backfill material was collected for laboratory analysis on July 14, 2025 before being utilized. The backfill material was sourced from the local landowner at GPS 32.628917 -103.612389. Refer to Table 2. Approximately 26,616 square feet of contamination was remediated, resulting in 2,632 cubic yards of material being excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfilled areas in the pasture were reseeded with the appropriate pounds of pure live seed per acre on July 21, 2025. The seed mixture to be used is BLM #2 LPC for sandy soil. Of the 26,616 square feet remediated, 19,500 square feet were reclaimed during this time as the remaining portion remains on an active well pad. Of the 2,632 cubic yards of material excavated off site, 1,450 cubic yards were from the pasture. See Figure 5 for the reclamation area.

7.0 Liner Inspection Activities

Before conducting the liner inspection, a crew was onsite to remove all freestanding fluids within the lined containment area. Once all freestanding fluids and rainwater were removed, the NMOCD division office

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was notified via NMOCD portal on July 17, 2025 per Subsection D of 19.15.29.12 NMAC. See Appendix C for the NMOCD correspondence prior to performing the liner inspection. On July 22, 2025, a liner inspection was conducted to assess the facility liner integrity and determined there were no integrity issues. Appendix F contains a Liner Integrity Certification and a photolog of the liner inspection event.

8.0 Conclusions

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Coterra formally requests the closure of the spill. Coterra is requesting this incident to be closed for all aspects of 19.15.29.12 & 13. The area on pad will be reclaimed and revegetated during normal P/A activities per NMAC 19.15.29.13. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Gilbert Priego Jr

Project Manager

Sincerely,

Carmona Resources, LLC

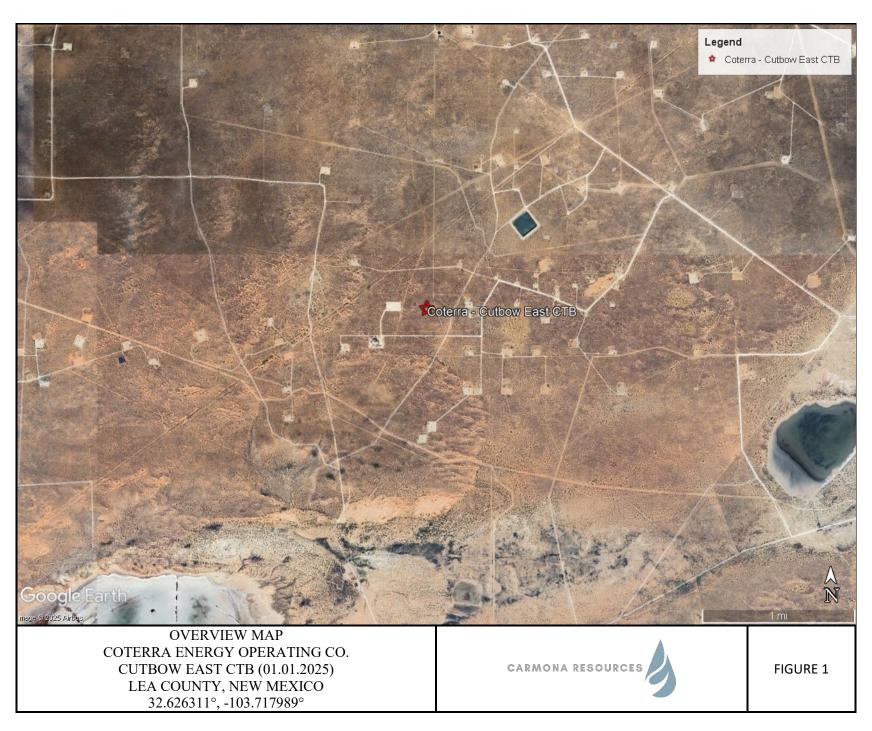
Ashton Thielke

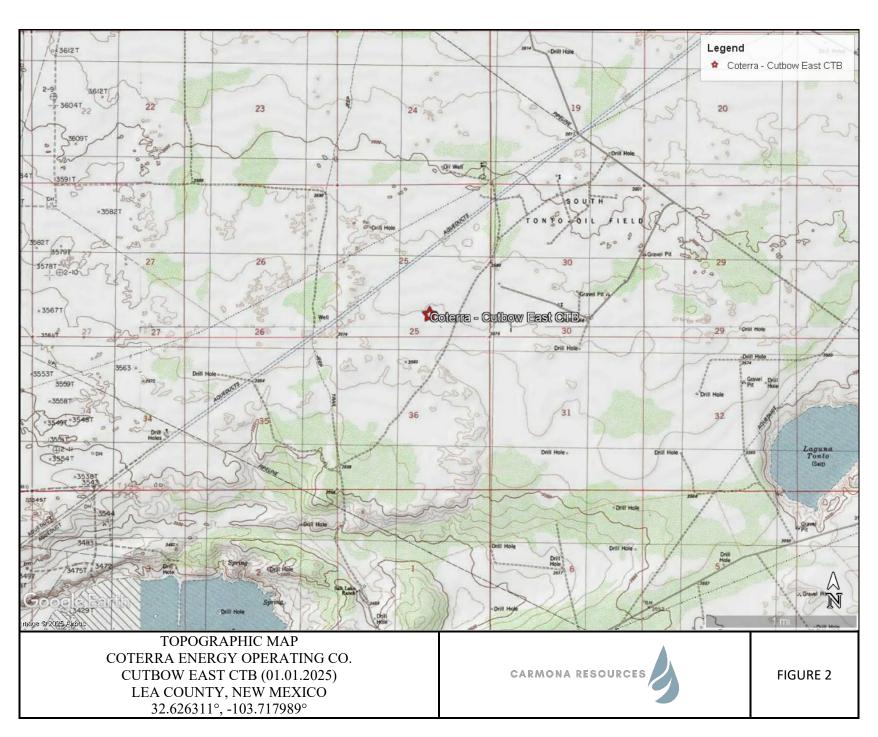
Environmental Manager

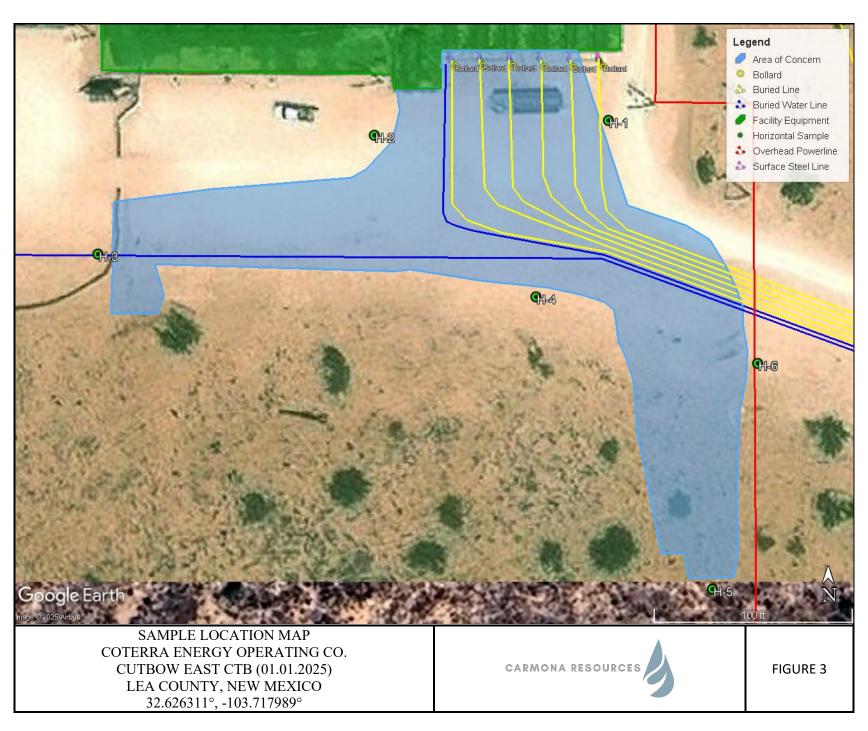
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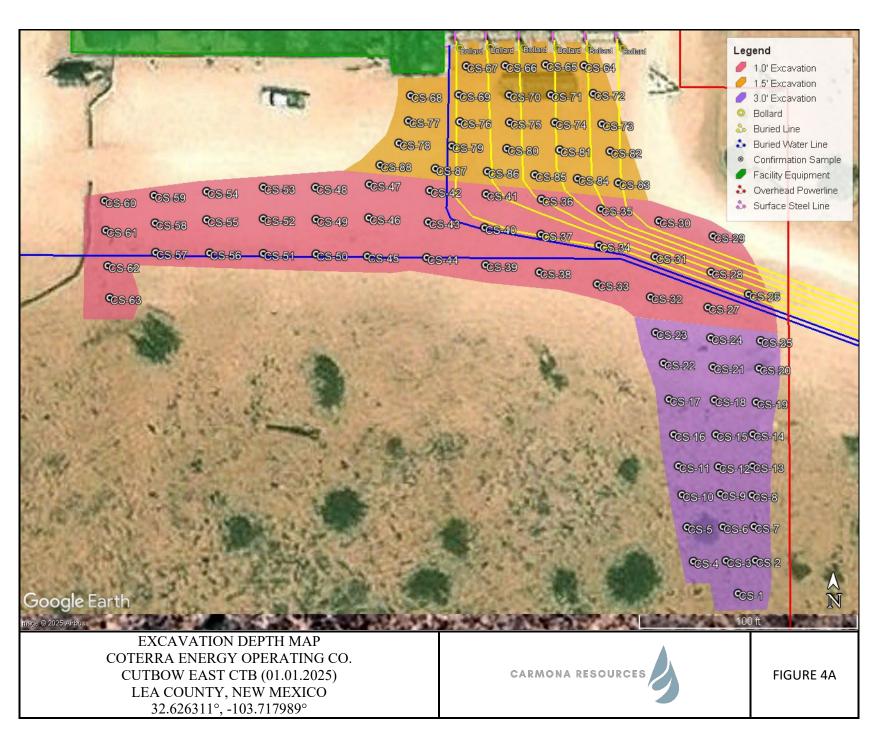
FIGURES

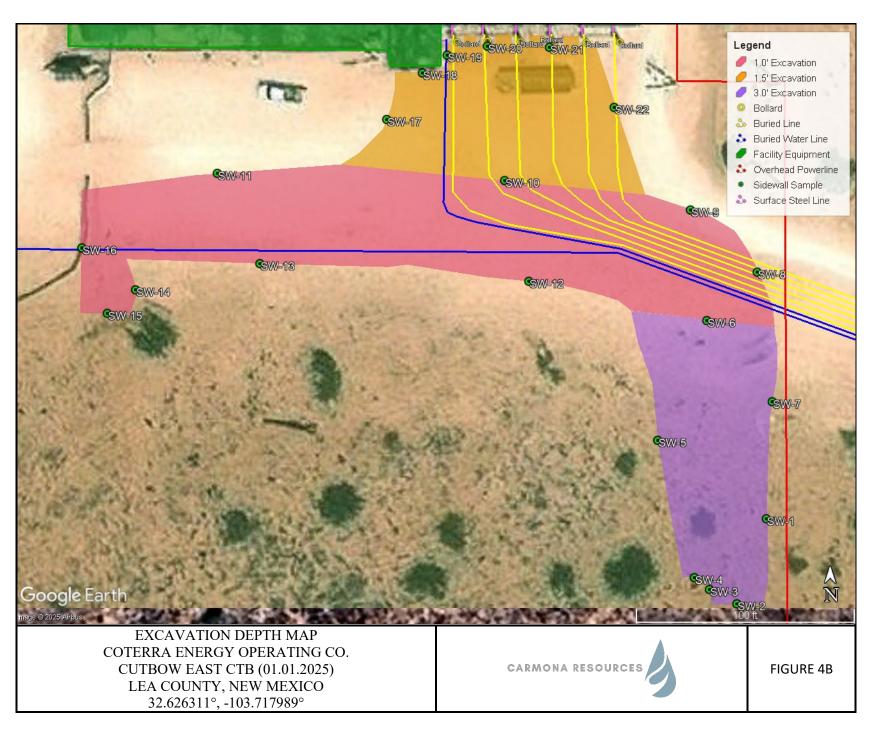
CARMONA RESOURCES

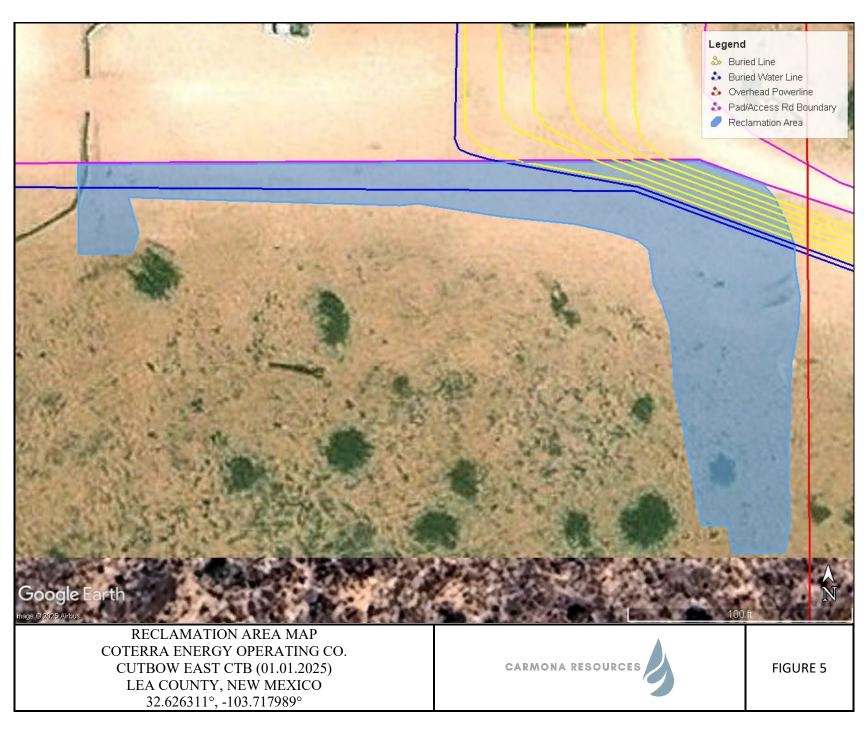


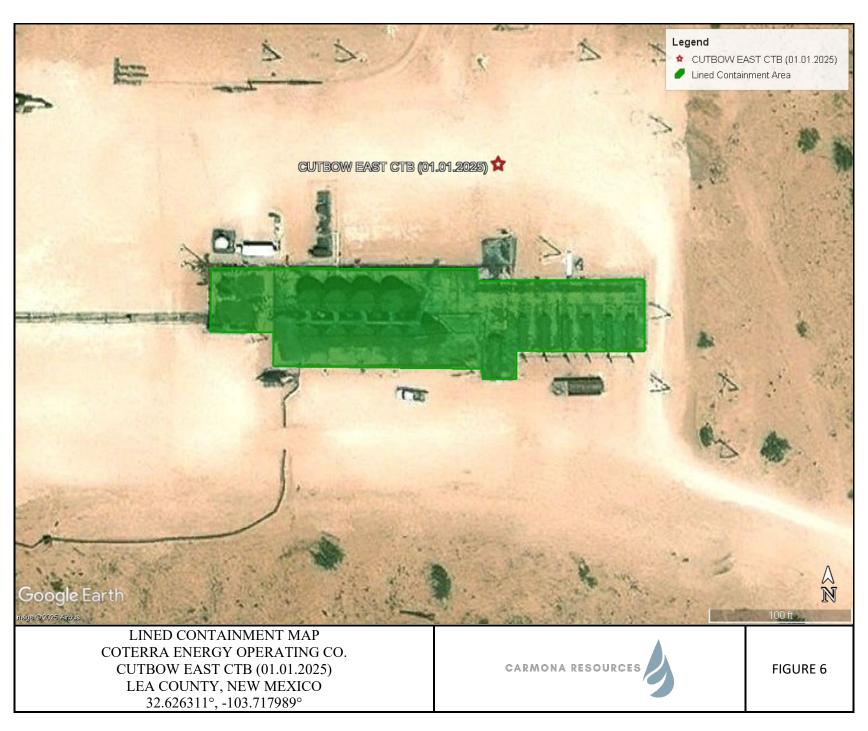












APPENDIX A

CARMONA RESOURCES

Table 1
Coterra Energy Operating Co.
Cutbow East CTB (01.01.2025)
Lea County, New Mexico

O In ID	D. C.	D (1- (6))	TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
H-1	4/23/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	125
H-2	4/23/2025	0-0.5'	<50.0	78.0	<50.0	78.0	<0.00200	0.00826	0.00552	0.0150	0.0288	181
H-3	4/23/2025	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	0.00520	0.00520	103
H-4	4/23/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	167
H-5	4/23/2025	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	0.00199	<0.00199	<0.00398	0.00467	95.4
H-6	4/23/2025	0-0.5'	<50.1	83.4	<50.1	83.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	123
Regulato	ory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

Table 2
Coterra Energy Operating Co.
Cutbow East CTB (01.01.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
			GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-2	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-3	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-5	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-6	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-8	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-10	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-11	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-12	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-13	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-14	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-16	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-17	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-18	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-19	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-20	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-21	6/30/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-22	6/30/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	ry Criteria ^A 19 15 29 NMAC					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

Table 2
Coterra Energy Operating Co.
Cutbow East CTB (01.01.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
			GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-23	6/30/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-24	6/30/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-25	6/30/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-26	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-27	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-28	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-29	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-30	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-31	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-32	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-33	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-34	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-35	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-36	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-37	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-38	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-39	7/1/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-40	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-41	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-42	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-43	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-44	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	ry Criteria ^A 19 15 29 NMAC					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

Table 2
Coterra Energy Operating Co.
Cutbow East CTB (01.01.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	GRO	TPH DRO	(mg/kg)	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chloride (mg/kg)
CS-45	7/2/2025	1.0	<10.0	<10.0	MRO <10.0	Total <10.0	<0.050	<0.050	<0.050	<0.150	(mg/kg) <0.300	16.0
CS-46	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-47	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-48	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-49	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-50	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-51	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-52	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-53	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-54	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-55	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-56	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-57	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-58	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-59	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-60	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-61	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-62	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-63	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-64	7/3/2025	1.5	<10.0	15.3	<10.0	15.3	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-65	7/3/2025	1.5	<10.0	22.4	<10.0	22.4	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-66	7/3/2025	1.5	<10.0	18.1	<10.0	18.1	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	ry Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

Table 2
Coterra Energy Operating Co.
Cutbow East CTB (01.01.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)			(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
00.67	7/0/0005	4.5	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-67	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-68	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-69	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-70	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-71	7/3/2025	1.5	<10.0	10.7	<10.0	10.7	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-72	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-73	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-74	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-75	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-76	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-77	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-78	7/3/2025	1.5	<10.0	10.9	<10.0	10.9	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-79	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-80	7/3/2025	1.5	<10.0	18.7	<10.0	18.7	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-81	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-82	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-83	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-84	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-85	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-86	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-87	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-88	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	ry Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

Table 2
Coterra Energy Operating Co.
Cutbow East CTB (01.01.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
			GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-2	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-3	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-4	6/27/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-5	6/30/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-6	6/30/2025	1.0-3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-7	6/30/2025	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-8	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-9	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-10	7/2/2025	1.0-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-11	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-13	7/2/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-14	7/3/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-15	7/3/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-16	7/3/2025	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-17	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-18	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-19	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-20	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-21	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-22	7/3/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Backfill	7/14/2025	-	<10.0	47.3	15.7	63.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulato	ry Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Cutbow East CTB (01.01.2025)

County: Lea County, New Mexico

Description:

View Southeast, area of CS-1 through CS-13.



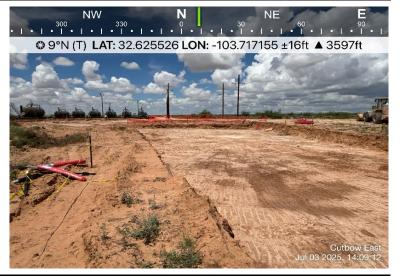
Photograph No. 2

Facility: Cutbow East CTB (01.01.2025)

County: Lea County, New Mexico

Description:

View North, area of CS-14 through CS-25.



Photograph No. 3

Facility: Cutbow East CTB (01.01.2025)

County: Lea County, New Mexico

Description:

View Northeast, area of CS-26 through CS-38.





PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

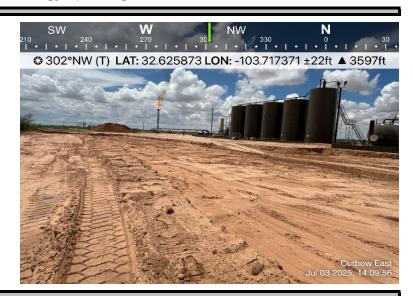
Photograph No. 4

Facility: Cutbow East CTB (01.01.2025)

County: Lea County, New Mexico

Description:

View Northwest, area of CS-39 through CS-61.



Photograph No. 5

Facility: Cutbow East CTB (01.01.2025)

County: Lea County, New Mexico

Description:

View South, area of CS-60 through CS-63.



Photograph No. 6

Facility: Cutbow East CTB (01.01.2025)

County: Lea County, New Mexico

Description:

View East, area of CS-26 through CS-63.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 7

Facility: Cutbow East CTB (01.01.2025)

County: Lea County, New Mexico

Description:

View East, area of CS-64 through CS-88.



Photograph No. 8

Facility: Cutbow East CTB (01.01.2025)

County: Lea County, New Mexico

Description:

View Northwest, area of CS-64 through CS-88.





APPENDIX C

CARMONA RESOURCES

General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 416517

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	416517
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source						
Please answer all the questions in this group.						
Site Name	Cutbow East CTB					
Date Release Discovered	01/01/2025					
Surface Owner	Federal					

Incident Details							
Please answer all the questions in this group.							
Incident Type	Oil 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	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Gasket Crude Oil Released: 18 BBL Recovered: 0 BBL Lost: 18 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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)	Liquids released from heater treater gasket "misted" the surface soil, approximately 50 feet. Soil scraped, removed; new material will be brought in.

General Information Phone: (505) 629-6116

QUESTIONS

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

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

QUESTIONS, Page 2

Action 416517

QUESTIONS (continued)	
Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	416517
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

Nature and Volume of Release (continued) Is this a gas only submission (i.e. only significant Mcf values reported) Was this a major release as defined by Subsection A of 19.15.29.7 NMAC Reasons why this would be considered a submission for a notification of a major release 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.

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

ACKNOWLEDGMENTS

Action 416517

ACKNOWLEDGMENTS

ı	Operator:	OGRID:
ı	Avant Operating, LLC	330396
ı	1515 Wynkoop Street	Action Number:
ı	Denver, CO 80202	416517
ı		Action Type:
ı		[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\lor}$	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.	
V	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.	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

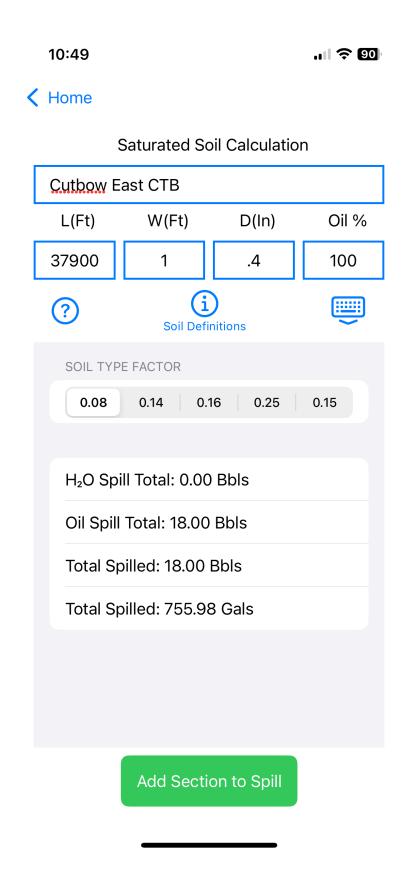
Action 416517

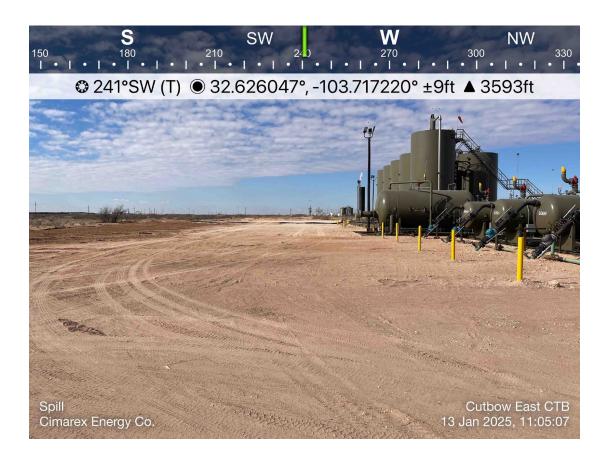
CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	416517
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

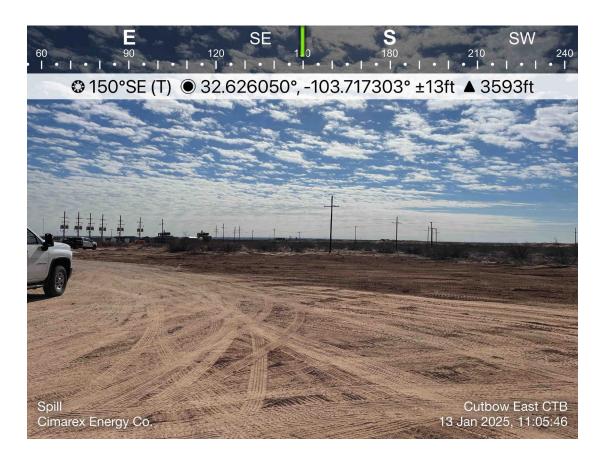
CONDITIONS

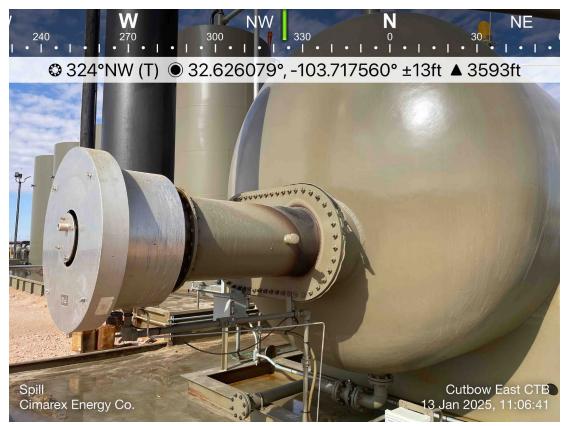
	Created	Condition	Condition
L	Ву		Date
	cdh	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/2/2025



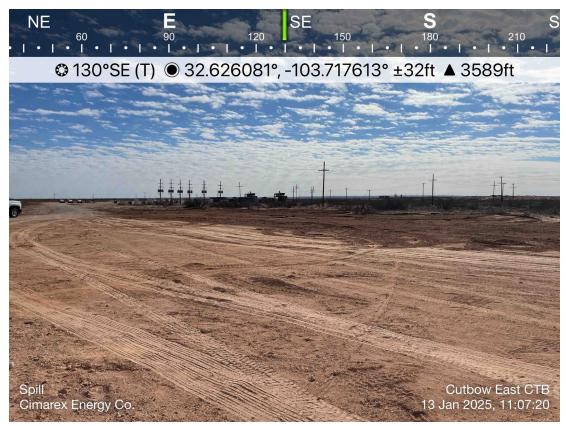




















Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 477795

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477795
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500253232
Incident Name	NAPP2500253232 CUTBOW EAST CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2331147143] CUTBOW EAST CTB 1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Cutbow East CTB
Date Release Discovered	01/01/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	Cause: Equipment Failure Gasket Crude Oil Released: 18 BBL Recovered: 0 BBL Lost: 18 BBL.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
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)	Liquids released from heater treater gasket "misted" the surface soil, approximately 50 feet. Soil scraped, removed; new material will be brought in.	

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 477795

QUESTIONS	(continued)
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Operator: Avant Operating, LLC		OGRID: 330396
6001 Deauville Blvd Midland, TX 79706		Action Number: 477795
		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 vo	olumes 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	No	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
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 th	e C-129 form.
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in inju	ry.
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 remed actions to date in the follow-up C-141 submission. If remedial efforts have been successfully comple Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for relet the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger public adequately investigate and remo	c health or the environment. The acceptance of a C-141 report by ediate contamination that pose a threat to groundwater, surface
I hereby agree and sign off to the above statement	Name: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironm Date: 06/23/2025	nental@coterra.com

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 477795

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477795
	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 What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) 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 Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. 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 A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered. storage site

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 acco	rdance with the physical realities encountered during remediation. If the responsible party has any need to	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 477795

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477795
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created B	y Condition	Condition Date
scwells	None	6/23/2025

Ashton Thielke

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, June 23, 2025 12:15 PM

To: Ashton Thielke

Cc: Laci.Luig@coterra.com; Bratcher, Michael, EMNRD

Subject: RE: [EXTERNAL] NAPP2500253232 - Cutbow East CTB (01.01.2025) - NMAC

19.15.29.12.D.1.C - 400sqft sampling variance

Good morning Ashton,

Your sampling variance request is approved with the following conditions: Confirmation floor samples may be collected at a frequency no greater than 400 ft2 while confirmation sidewall samples should be collected at a frequency no greater than 200 ft2. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

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

From: Ashton Thielke <ThielkeA@carmonaresources.com>

Sent: Monday, June 23, 2025 9:04 AM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Laci.Luig@coterra.com

Subject: [EXTERNAL] NAPP2500253232 - Cutbow East CTB (01.01.2025) - NMAC 19.15.29.12.D.1.C - 400sqft sampling

variance

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

Good morning Shelly,

On behalf of Coterra Energy (formerly Avant Energy), Carmona Resources, LLC is requesting a confirmation sampling variance from 200 square feet to 400 square feet composite floor & sidewall samples.

Attached is a proposed excavation map and at a minimum, ~3,200 cubic yards of material will be removed.

As seen on Table 1 (page 2 & 3), the entire area has been delineated per NMAC 19.15.29.12.

Groundwater was recently determined nearby to be greater than 55' deep.

The nearest house is greater than 5.0 miles away.

This remediation will start on Tuesday, June 24, 2025, weather permitting.

Carmona Resources and Coterra Energy believe that due to the groundwater, karst, and lack of supply wells for distant households, that this confirmation sampling variance would provide equal or better protection of fresh water, public health and the environment.

Received by OCD: 7/22/2025 2:58:34 PM
Please give me a call if you have any questions!

Thanks!

Ashton Thielke **Environmental Manager** 310 West Wall Street, Suite 500 Midland TX, 79701

M: 432-813-8988 C: 281-753-5659 ThielkeA@carmonaresources.com **Environmental Consulting Firm - Carmona Resources**





General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 478500

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478500
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500253232
Incident Name	NAPP2500253232 CUTBOW EAST CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2331147143] CUTBOW EAST CTB 1

Location of Release Source	
Site Name	Cutbow East CTB
Date Release Discovered	01/01/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	37,900	
What is the estimated number of samples that will be gathered	125	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/27/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 400 sqft sampling variance approved for floor samples, 200sqft sidewall sampling	
Please provide any information necessary for navigation to sampling site	32.626311,-103.717989	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 478500

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478500
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	6/24/2025
athielke	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.	6/24/2025

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

Phone: (505) 629-6116

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

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

QUESTIONS

Action 478505

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478505
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500253232
Incident Name	NAPP2500253232 CUTBOW EAST CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2331147143] CUTBOW EAST CTB 1

Location of Release Source	
Site Name	Cutbow East CTB
Date Release Discovered	01/01/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	37,900	
What is the estimated number of samples that will be gathered	125	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/30/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 400 sqft sampling variance approved for floor samples, 200sqft sidewall sampling	
Please provide any information necessary for navigation to sampling site	32.626311,-103.717989	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 478505

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478505
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created B	y Condition	Condition Date
athielke	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.	6/24/2025
athielke	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.	6/24/2025

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

Phone: (505) 629-6116
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https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 478741

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478741
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500253232
Incident Name	NAPP2500253232 CUTBOW EAST CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2331147143] CUTBOW EAST CTB 1

Location of Release Source	
Site Name	Cutbow East CTB
Date Release Discovered	01/01/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	37,900	
What is the estimated number of samples that will be gathered	125	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/01/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 400 sqft sampling variance approved for floor samples, 200sqft sidewall sampling	
Please provide any information necessary for navigation to sampling site	32.626311,-103.717989	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 478741

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478741
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	6/25/2025
athielke	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.	6/25/2025

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

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 478744

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478744
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500253232
Incident Name	NAPP2500253232 CUTBOW EAST CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2331147143] CUTBOW EAST CTB 1

Location of Release Source	
Site Name	Cutbow East CTB
Date Release Discovered	01/01/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	37,900	
What is the estimated number of samples that will be gathered	125	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/02/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 400 sqft sampling variance approved for floor samples, 200sqft sidewall sampling	
Please provide any information necessary for navigation to sampling site	32.626311,-103.717989	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 478744

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478744
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created B	y Condition	Condition Date
athielke	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.	6/25/2025
athielke	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.	6/25/2025

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

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 478746

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478746
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500253232
Incident Name	NAPP2500253232 CUTBOW EAST CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2331147143] CUTBOW EAST CTB 1

Location of Release Source	
Site Name	Cutbow East CTB
Date Release Discovered	01/01/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	37,900
What is the estimated number of samples that will be gathered	125
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/03/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 400 sqft sampling variance approved for floor samples, 200sqft sidewall sampling
Please provide any information necessary for navigation to sampling site	32.626311,-103.717989

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 478746

CONDITIONS

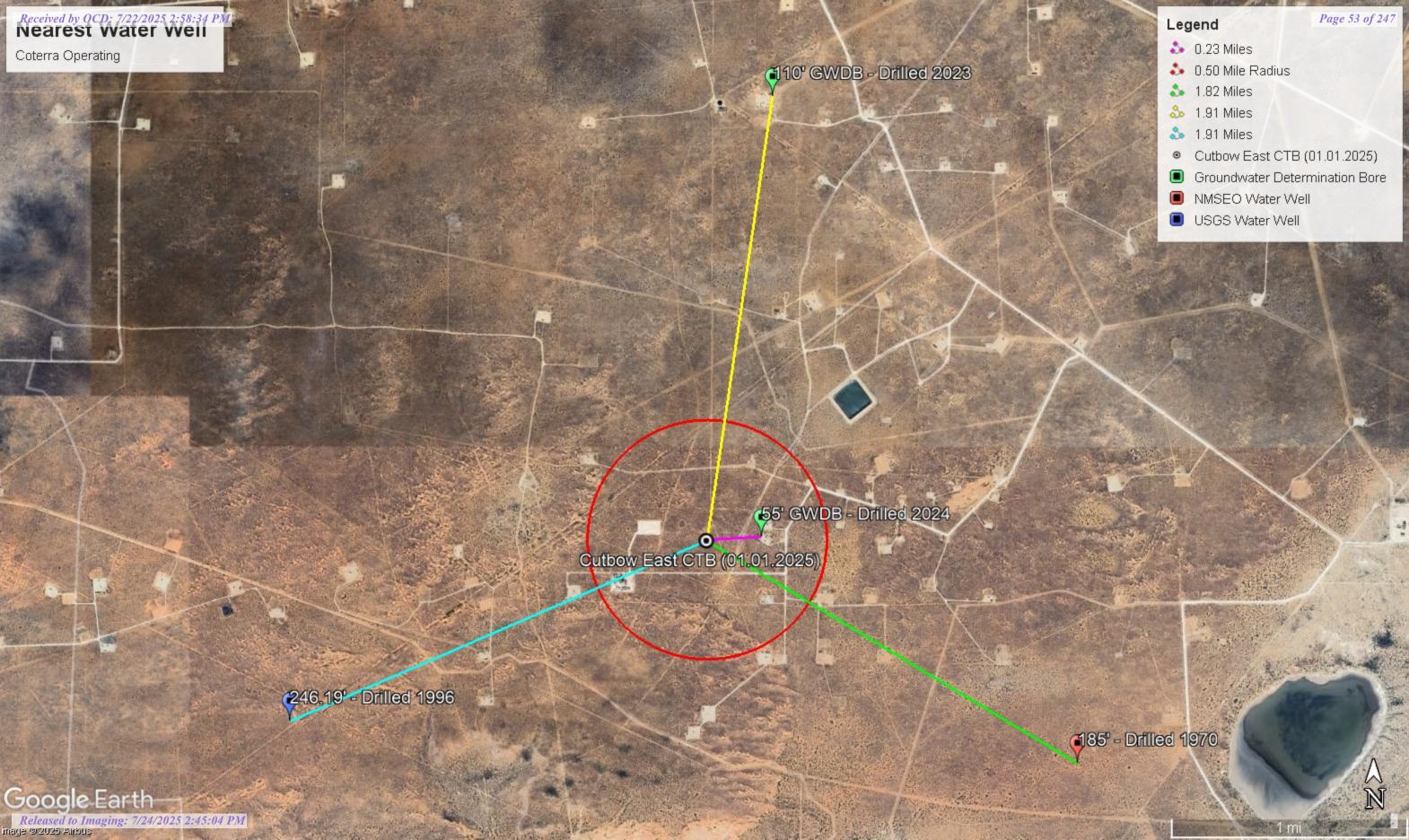
Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	478746
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	By Condition	Condition Date
athielk	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.	6/25/2025
athielk	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.	6/25/2025

APPENDIX D

CARMONA RESOURCES







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.)

POD Number

CP 01967 POD1

L 07023

CP 00075

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

Code

0

Sub

L

CP

CP

basin County

LE

LE

LE

(quarters are smallest to largest)

NE

NE

NE 24

SE 34

19S

19S 32E

32E

NE

620719.8 3613546.4

617502.0 3609301.0

Average Depth to Water: 185 feet

110

575

3052

3061

Minimum Depth: 185 feet

Maximum Depth: 185 feet

Record Count: 3

UTM Filters (in meters):

Easting: 620309.23 **Northing:** 3610521.92

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.



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.afkinseng.com

March 5, 2025

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record CP-2048 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, CP-2048 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Gran Modelin



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	OSE POD NO		NO.)		WELL TAG I	ID NO.		OSE FILE NO	O(S).				
NO.	POD 1 (TV	W-1)			N/A			CP-2048					
'AT	WELL OWN							PHONE (OPT	IONAL)				
03	Walsh & V												
TT	WELL OWN 155 Walsh		ING ADDRESS					CITY Aledo			STATE	76008	ZIP
WE	133 Walsh	Diive						Aledo			17	/0008	
2	WELL			DEGREES	MINUTES								51
NE A	LOCATIO	N J	LATITUDE	32	37	33	3.3 N		Y REQUIRED:		TH OF A	SECOND	
GENERAL AND WELL LOCATION	(FROM GF	'S)	LONGITUDE	103	42	49	9.1 W	* DATUM RI	EQUIRED: WG	S 84			
GE	DESCRIPTION	ON RELA	TING WELL LOCATION	TO STREET ADD	RESS AND CO	MMON LANDA	ARKS – PL	SS (SECTION, T	OWNSHJIP, R.	ANGE) WH	ERE AV	AILABLE	
-	Andaway l	NW SE	SE SEc. 25 T19S I	R32E, NMPM									
	LICENSE NO		NAME OF LICENS	PED DRILLER					T NAME OF	WELLED	II I ING	COMPANY	
	124		NAME OF LICENS	DED DRILLER	Jackie D. A	tkins						g Associates, l	Inc.
	DRILLING S	TARTED	DRILLING ENDEL	DEPTH OF C	OMPLETED WE	CLL (FT)	BORE HO	LE DEPTH (FT)	DEPTH W	ATER FIRS	ST ENCO	OUNTERED (FT)	
	2/12		2/12/25		orary Well M			±55			N/		
								STATIO	WATER LEV	EL		DATE STATIC	MEASURED
	COMPLETE	D WELL I	S: ARTESIAN *a Centralizer info	dd 📝 DRY HO	DLE SH	ALLOW (UNC	ONFINED)	IN COM	MPLETED WE	LL N	/A	03/04/	/2024
CASING INFORMATION	DRILLING F	LUID:	AIR	MUD	AD	DITIVES – SPE	ECIFY:						
MA	DRILLING M	METHOD:	ROTARY HA	MMER CAI	BLE TOOL 7	OTHER - SPE	CIFY: I	Hollow Stem	Auger			F PITLESS ADA	PTER IS
FOR							1		T	INSTAL	LED		_
Z	DEPTH		BOKE HOL	E	G MATERIAL GRADE	AND/OR	1	ASING	CAS			SING WALL HICKNESS	SLOT
NI	FROM	TO	DIAM (inches)		each casing s			NECTION FYPE	INSIDE (incl		1	(inches)	SIZE (inches)
CAS	0	55		note	Soil Boring	creen)	(add cour	oling diameter)	(1112)				
3	•	33	20,20	_	oon Bonng								
DRILLING													
RIL													
2. D													
	DEPTH	(feet bgl) BORE HOLI		ULAR SEAL M			L PACK SIZE-	AN	IOUNT		METHO	D OF
A.	FROM	ТО	DIAM (inche	(2)	RAN entralizers for	IGE BY INTEI Artesian wells:		e snacino helow	l (cu	bic feet)		PLACEN	
ERI,	1101/1			III using C	CHITAILECIS IOI	N/A	muicase m	c spacing octov	1				
IAT													
R									Î				
ULA													
ANNULAR MATERIAL													
3. A									II				
FOR	OSE INTER	NAL U	SE					WR-	20 WELL R	ECORD &	& LOG	(Version 09/2	2/2022)
FILE					PO	D NO.		TRN					
LOC	ATION							WELL TAG	ID NO			PAGE	1 OF 2

WELL TAG ID NO.

	DEPTH (fe	et bgl)		COLOR AND TYPE OF MATERIA	LENCOLN	TEDED			ESTIMATED
	FROM	то	THICKNESS (feet)	COLOR AND TYPE OF MATERIA INCLUDE WATER-BEARING CAVITIE (attach supplemental sheets to full	S OR FRAC	TURE ZONES	BEA	TER RING? / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	9	9	Backfill, sand and ca	liche		Y	✓ N	
	8	14	5	Sand and calich	e		Y	√ N	
	14	24	10	Sand, caliche and increa	sing clay		Y	√ N	
	24	55	31	Clay, tight			Y	√ N	
							Y	N	
ų							Y	N	
4. HYDROGEOLOGIC LOG OF WELL							- Y	N	
OF							Y	N	
90							Y	N	
ICI							Y	N	
507							Y	N	
3EO							Y	N	
ROC		4					Y	N	
HXD							Y	N	
4							Y	N	
							Y	N	
							Y	N	
							Y	N	
							Y	N	
							Y	N	
							Y	N	
			_	OF WATER-BEARING STRATA:			OTAL ESTIN		
	PUMP	L A	IR LIFT	BAILER OTHER – SPECIFY:				(OI)	
NO	WELL TEST			ACH A COPY OF DATA COLLECTED DURIN ME, AND A TABLE SHOWING DISCHARGE					
TEST; RIG SUPERVISION	MISCELLAN	EOUS INF	UC.	mporary well material removed and soil bo low ground surface(bgs), then hydrated ben cord. Logs adapted from onsite Terracon Pe	tomic emp	lled using drill o	cuttings from	m total de lee attach	epth to ten feet plugging
rest	PRINT NAME	(S) OF DI	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPER	VISION OF	WELL CONSTI	RUCTION O	THER TH	AN LICENSEE:
5.7	Shane Eldridg			· ·					
ATURE	CORRECT RE	CORD OF	F THE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER K ESCRIBED HOLE AND THAT HE OR SHE W DAYS AFTER COMPLETION OF WELL DE	JILL FILE 1				
6. SIGNATURE	Jack Atkins		2025 12:40 MS				03/04	4/2025	
		SIGNATU	URE OF DRILLE	R / PRINT SIGNEE NAME				DATE	
FOF	OSE INTERNA	AL USE				WR-20 WELL I	RECORD &	LOG (Ver	sion 09/22/2022)
FIL	E NO.			POD NO.		TRN NO.			
LO	CATION				WELL	TAG ID NO			PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GE	NERAL / WELL OWNE	ERSHIP:					
State E	ngineer Well Number: C	P-2048 POD-1					
Well o	wner: Walsh & Watts, IN	C.			Phone	No.:	
Mailing	g address: 155 Walsh Dri	ve					
City:	Aledo		State:		TX		Zip code:
II. WI	ELL PLUGGING INFO	RMATION:					
1)	Name of well drilling c	ompany that plugge	ed well:	ackie D. A	tkins (Atkins Er	ngineering	Associates Inc.)
2)	New Mexico Well Drill						ntion Date: 04/30/25
3)	Well plugging activities Cameron Pruitt	s were supervised b	y the follo	wing well	driller(s)/rig su	pervisor(s):
4)	Date well plugging beg	an: 03/04/2025		_ Date	well plugging co	oncluded:	03/04/2025
5)	GPS Well Location:	Latitude: Longitude:	32 103	_deg, _deg,	37 min, 42 min,	33.3 49.1	_ sec _ sec, WGS 84
6)	Depth of well confirme by the following manne			55	_ ft below grou	ind level (bgl),
7)	Static water level meas	ured at initiation of	plugging:	n/a	_ ft bgl		
8)	Date well plugging plan	of operations was	approved	by the Sta	te Engineer: _0	2/04/2025	5
9)	Were all plugging activ differences between the	ities consistent with approved plugging	n an appro g plan and	ved plugg the well a	ing plan? s it was plugged	Yes (attach a	_ If not, please described ditional pages as needed):

Version: September 8, 2009

Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
_	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Boring	
-	Hydrated bentonite				
_					
_	10'-'55				
-	Drill Cuttings	Approx. 72 gallons	72 gallons	Boring	
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_				- Burk	R05LELL, NY '25 av 11.147
-					
-					
×	•	MULTIPLY E	3Y AND OBTAIN 1805 = gallons		
		cubic yards x 201.9			

III. SIGNATURE:

I, <u>Jacke D. Atkins</u>, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jackatkins (Mar 4, 2025 12:40 MST)

03/04/2025

Signature of Well Driller

Date

Version: September 8, 2009

Page 2 of 2

WR-20 Well Record and Log-packet-forsign

Final Audit Report

2025-03-04

Created:

2025-03-04

By:

Lucas Middleton (lucas@atkinseng.com)

Status:

Signed

Transaction ID:

CBJCHBCAABAA8CQwZeAgszwpNQWtCpTlhp04DS79yKAn

"WR-20 Well Record and Log-packet-forsign" History

- Document created by Lucas Middleton (lucas@atkinseng.com) 2025-03-04 6:53:43 PM GMT
- Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2025-03-04 6:54:09 PM GMT
- Email viewed by Jack Atkins (jack@atkinseng.com) 2025-03-04 7:37:00 PM GMT
- Document e-signed by Jack Atkins (jack@atkinseng.com)
 Signature Date: 2025-03-04 7:40:09 PM GMT Time Source: server
- Agreement completed. 2025-03-04 - 7:40:09 PM GMT

OGE DU ROSWELL NIM 5 MARY 25 AND 1:47

Adobe Acrobat Sign

Form WR-23

STATE ENGINEER OFFICE

5(1929

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Street and Number BOX 2218 City DALLAS, TEXAS 2723 State Well was drilled under Permit No. 22 Twp 19 Rge. 33 (B) Drilling Contractor ABEOTT BROS. License No.WD 46 Street and Number BOX 6.37 (B) Drilling was commenced No. 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. Prilling was commenced NOV 12, 1.970 19. Prilling was commenced NOV 12, 1.970 19. (Plat of \$40\$ seres) Prilling was commenced NOV 12, 1.970 19. Prilling was commenced NOV 12, 1.970 19. Prilling was commenced NOV 12, 1.970 19. Prilli	Section 1	•	OII 111 and	d Section 5 flee	•	•	ic Detition	ממסט י	
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Section 6

LOG OF WELL

Depth	in Feet '	Thickness	50 J	
From	То	in Feet	Color	•
0	1	1	brown	soil
<u>l</u> '	30	29	gray	caliche
30	90	30	brown	sand (tight)
90 .	185	· 95	brówn!	sand
185	214	29	brown	sand water
214	220	. 6	brown	sandy clay
220	248	28	brown	sand & fine gravel
248	262 "	14	brown	sand clay
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Mell Driller

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z	OSE POD NO. CP-01967 P	(WELL NO.)	WELL TAG ID NO.		OSE FILE NO	s). CP_	1967	
CATIO	WELL OWNE Hearthstone	ER NAME(S) Operatin	g, LLC			PHONE (OPTI	ONAL)	116/	
WELL LO	WELL OWNE 600 N. Mari	R MAILING ienfeld, S	ADDRESS uite 1000			CITY Midland		STATE TX 79701	ZIP
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GP:	S)	TITUDE	32 39 10	ONDS 0.64 N 46 W		REQUIRED: ONE TEN'	TH OF A SECOND	
1. GE	DESCRIPTIO	N RELATIN	G WELL LOCATION TO	STREET ADDRESS AND COMMON LAND.	MARKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABLE	
	LICENSE NO. WD-1	670	NAME OF LICENSED	DRILLER Kenny Cooper			NAME OF WELL DRI	ILLING COMPANY HCI Drilling	
	DRILLING ST 06/13/2	CARTED 2023	DRILLING ENDED 06/13/2023	DEPTH OF COMPLETED WELL (FT) 110'	BORE HOI	LE DEPTH (FT) 110'	DEPTH WATER FIRS	ST ENCOUNTERED (FT) N/A)
N	COMPLETED	WELL IS:	ARTESIAN *add Centralizer info be		CONFINED)		WATER LEVEL PLETED WELL	DATE STATIC	MEASURED
RMATIC	DRILLING FL		✓ AIR ROTARY	MUD ADDITIVES – SP			CHECK	HERE IPPITLESS ADA	PTER IS
FO	DEDELL		1	Газана	T		INSTAL	LED OY	
SING IN	DEPTH (TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CONN	ASING NECTION TYPE ling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
CA	0	90	6	PVC	(add coup)	FJ	2	Sch 40	
2. DRILLING & CASING INFORMATION	90	110	6	PVC		FJ	2	Sch 40	.010
2. DR					1.27.7.				
							<u> </u>	12023 MLL155	
				LICT ANNIH AD COAL MATTER.	ND CD 175	DACK SIZE			
	DEPTH (feet bgl)	BORE HOLE	LIST ANNULAR SEAL MATERIAL AT RANGE BY INTE		PACK SIZE-	AMOUNT	МЕТНО	
FERIAL	FROM N/A	ТО	DIAM. (inches)	*(if using Centralizers for Artesian wells		spacing below)	(cubic feet)	PLACEN	MENT
ANNULAR MATERIAL		2		3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	7 (** -3 _x *) 16		
NNN		1							
3.A									
-									

FOR OSE INTERNAL USE

FILE NO. CP-1967-POD | POD NO. | TRN NO. 746698

LOCATION | POD NO. | WELL TAG ID NO. | PAGE 1 OF 2

	DEPTH (f	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	5	5	Caliche	Y N	
	5	25	20	Sand	Y N	
	25	65	45	Sand/Sandstone	YN	
	45	95	50	Sand/Sandy Clay	YN	
	95	110	15	Sand	YN	
,					YN	Walter State of the State of th
ELI					YN	
F W					YN	
4. HYDROGEOLOGIC LOG OF WELL					YN	
27.2					YN	
OGI						
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OGI						***************************************
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4. H					75	
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					Y N	
				OF WATER-BEARING STRATA:	TOTAL ESTIMATED WELL YIELD (gpm):	
	PUMP	ПА	IR LIFT	BAILER OTHER – SPECIFY:	WELL TILLD (gpiii).	
NO	WELL TEST			ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INC ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVI		
TEST; RIG SUPERVISION	MISCELLAN	IEOUS INI	FORMATION:Dry	/ Hole		
PER			۵٠,	, 1201		
Sul						
RIG						
EST;	DDINITNIAM	E(C) OF D	DILL DIC CLIDED	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON	CTRUCTION OTHER TH	AN LICENSEE.
5. TI	PRINT NAM	E(3) OF D	KILL KIG SUPEK	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON	STRUCTION OTHER TH	AN LICENSEE.
			8 -			-
TURE	CORRECT R	ECORD O	F THE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BEL ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL F 0 DAYS AFTER COMPLETION OF WELL DRILLING:	IEF, THE FOREGOING I RECORD WITH THE STA	S A TRUE AND ATE ENGINEER
6. SIGNATURE	K	/		Kenny Cooper	06/22/2023	
6.	10	SIGNAT	URE OF DRILLE	R / PRINT SIGNEE NAME	DATE	
FOR	OCE INITEDN	TAT TICE		WD 20 WE	I DECORD & LOG (Vet	00/22/2022)

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Vers	sion 09/22/2022)
FILE NO.	POD NO.		TRN NO.	
LOCATION		WELL	TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr:

746698

File Nbr:

CP 01967 Well File Nbr: CP 01967 POD1

Jun. 28, 2023

CHRIS MARIN EARTHSTONE OPERATING LLC 600 N MARIENFELD SUITE 1000 79701 MIDLAND, TX

Greetings:

The above numbered permit was issued in your name on 05/12/2023.

The Well Record was received in this office on 06/28/2023, stating that it had been completed on 06/13/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/11/2024.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Thompson (575)622-6521

drywell



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources



Click to hideNews Bulletins

 Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site no list =

• 323641103444801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323641103444801 19S.32E.34.42322

Lea County, New Mexico

Table of data

1986-03-27

Latitude 32°36'53", Longitude 103°44'52" NAD27

Land-surface elevation 3,559.00 feet above NGVD29

The depth of the well is 575 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Г <u>ab-separa</u> t	ted data									
Graph of da	ata_									
Reselect pe	eriod_									
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
1965-11-1		D	62610		3295.16	NGVD29	1		7	
1965-11-1		D	62611		3296.72	NAVD88	1		Z	
1965-11-1	.8	D	72019	263.84			1	Z	7	
1968-06-2	.7	D	62610		3303.50	NGVD29	1	Z	Z	
1968-06-2	.7	D	62611		3305.06	NAVD88	1	Z	7	
1968-06-2	.7	D	72019	255.50			1	Z	7	
1971-01-2	.8	D	62610		3306.73	NGVD29	1	Z	Z	
1971-01-2	18	D	62611		3308.29	NAVD88	1	Z	Z	
1971-01-2	18	D	72019	252.27			1	Z	<u>z</u>	
1976-12-1	.4	D	62610		3311.62	NGVD29	1	Z	Z	
1976-12-1	.4	D	62611		3313.18	NAVD88	1	Z	Z	
1976-12-1	.4	D	72019	247.38			1	Z	Z	
1986-03-2	.7	D	62610		3310.26	NGVD29	1	Z	Z	
1986-03-2	.7	D	62611		3311.82	NAVD88	1	Z	7	

248.74

72019

7

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 (measure
1991-05-24		D	62610		3310.46	NGVD29	1	Z		
1991-05-24		D	62611		3312.02	NAVD88	1	Z		
1991-05-24		D	72019	248.54			1	Z		
1996-02-06		D	62610		3312.81	NGVD29	1	S		
1996-02-06		D	62611		3314.37	NAVD88	1	S		
1996-02-06		D	72019	246.19			1	S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
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
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	Α	Approved for publication Processing and review completed.

Questions or Comments <u>Help</u> **Data Tips** Explanation of terms Subscribe for system changes

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels

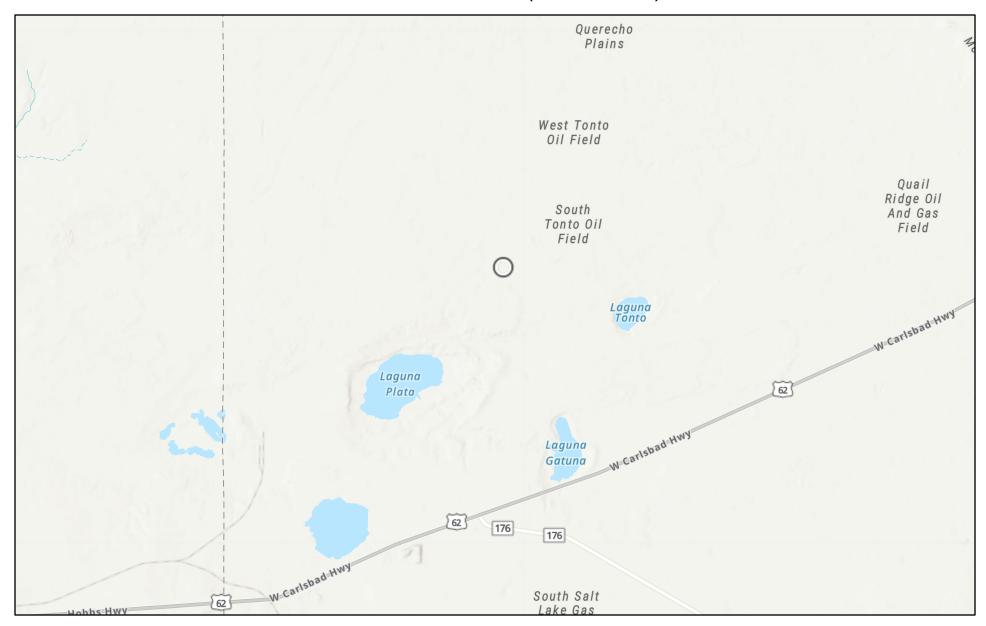
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-04-03 10:41:21 EDT

0.3 0.23 nadww01

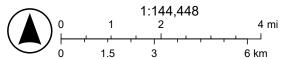


Cutbow East CTB (01.01.2025)



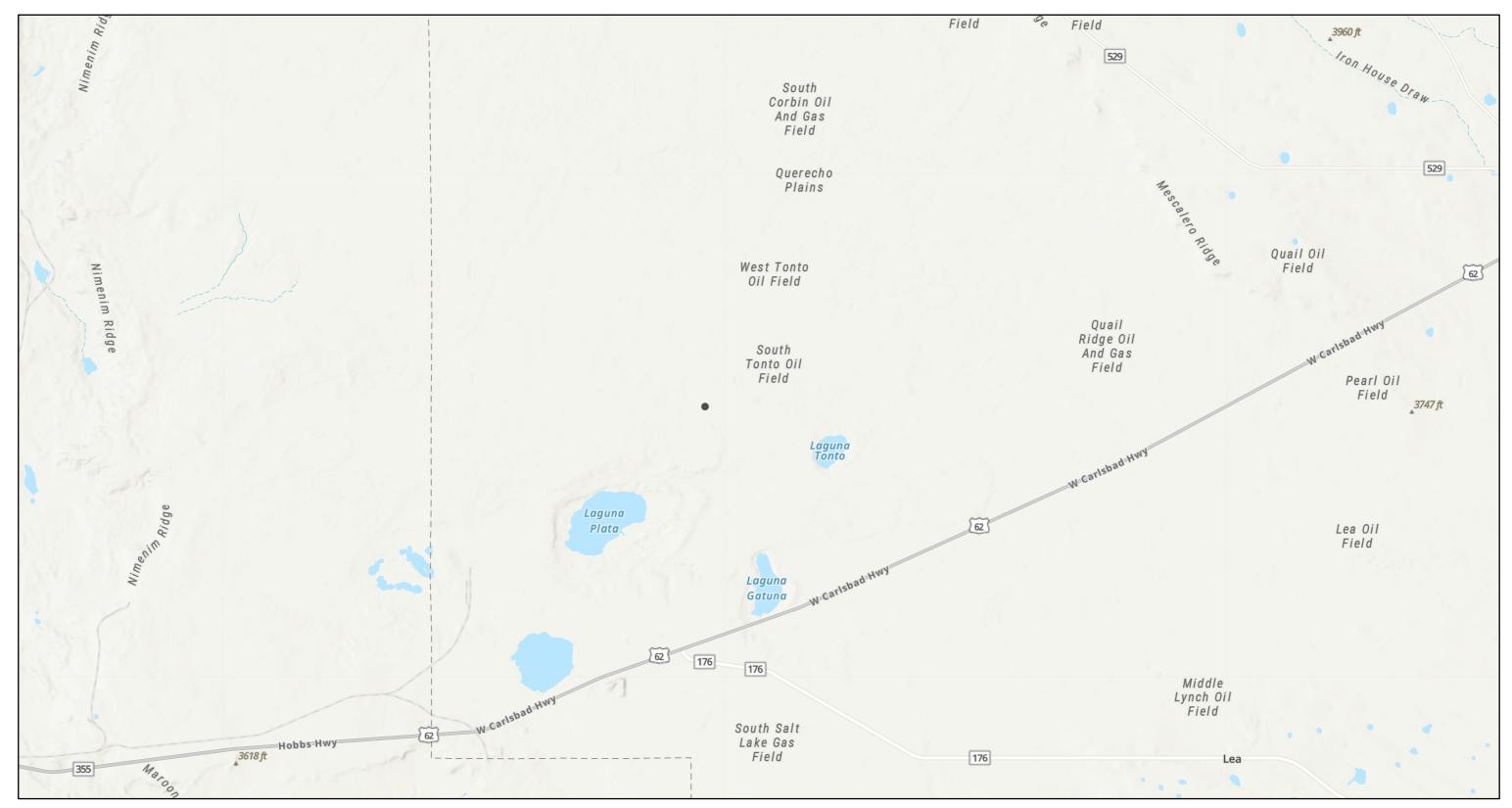
4/3/2025

World_Hillshade

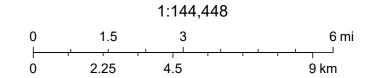


Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Cutbow East CTB (01.01.2025)



4/3/2025, 9:34:22 AM



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APPENDIX E

CARMONA RESOURCES

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701

Generated 7/11/2025 3:23:37 PM Revision 1

JOB DESCRIPTION

Cutbow East CTB (01.01.2025) Lea County, New Mexico

JOB NUMBER

880-57275-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated 7/11/2025 3:23:37 PM Revision 1

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440

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Client: Carmona Resources Project/Site: Cutbow East CTB (01.01.2025) Laboratory Job ID: 880-57275-1 SDG: Lea County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	11
QC Sample Results	12
QC Association Summary	18
Lab Chronicle	21
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27

2

3

4

6

8

11

13

Definitions/Glossary

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025) SDG: Lea County, New Mexico

Job ID: 880-57275-1

Qualifiers

GC VOA Qualifier

F1 MS and/or MSD recovery exceeds control limits.

F2 MS/MSD RPD exceeds control limits

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

F1 MS and/or MSD recovery exceeds control limits. S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis ₩

%R Percent Recovery **CFL** Contains Free Liquid Colony Forming Unit **CFU** Contains No Free Liquid CNF

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MI Minimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Midland

Job ID: 880-57275-1

Case Narrative

Client: Carmona Resources

Project: Cutbow East CTB (01.01.2025)

Eurofins Midland Job ID: 880-57275-1

> Job Narrative 880-57275-1

REVISION

The report being provided is a revision of the original report sent on 4/28/2025. The report (revision 1) is being revised due to COC missing on final report, revision needed.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/24/2025 9:26 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-57275-1), H-2 (0-0.5') (880-57275-2), H-3 (0-0.5') (880-57275-3), H-4 (0-0.5') (880-57275-4), H-5 (0-0.5') (880-57275-5) and H-6 (0-0.5') (880-57275-6).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-108489 and analytical batch 880-108512 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-108561 and analytical batch 880-108762 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-108561 and analytical batch 880-108762 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-108561/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-57275-1), H-2 (0-0.5') (880-57275-2), H-3 (0-0.5') (880-57275-3), H-4 (0-0.5') (880-57275-4), H-5 (0-0.5') (880-57275-5), H-6 (0-0.5') (880-57275-6), (880-57275-A-1-D MS) and (880-57275-A-1-E MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: H-1 (0-0.5')

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-57275-1

Matrix: Solid

Date Collected: 04/23/25 00:00	,
Date Received: 04/24/25 09:26	
Mothed: SW946 9024B Voletil	o Ovacnio Compoundo

Method: SW846 8021B - Vola	_	•	• •	MD:		_	B	A	D:: E
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201		0.00201		mg/Kg		04/24/25 11:00	04/24/25 13:34	
Toluene	<0.00201		0.00201		mg/Kg		04/24/25 11:00	04/24/25 13:34	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:00		
m-Xylene & p-Xylene	< 0.00402	U	0.00402		mg/Kg		04/24/25 11:00	04/24/25 13:34	
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:00	04/24/25 13:34	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/24/25 11:00	04/24/25 13:34	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	108		70 - 130				04/24/25 11:00	04/24/25 13:34	
1,4-Difluorobenzene (Surr)	91		70 - 130				04/24/25 11:00	04/24/25 13:34	
- Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/24/25 13:34	
_ Method: SW846 8015 NM - Di	esel Range	Organics (DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.1	U	50.1		mg/Kg			04/26/25 12:25	
- Method: SW846 8015B NM - [Diesel Range	organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 11:13	04/26/25 12:25	
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		04/24/25 11:13	04/26/25 12:25	
							04/04/05 44 40		
,	<50.1	U	50.1		mg/Kg		04/24/25 11:13	04/26/25 12:25	
Oil Range Organics (Over C28-C36) Surrogate	<50.1 %Recovery		50.1 Limits		mg/Kg		04/24/25 11:13 Prepared	04/26/25 12:25 Analyzed	Dil Fa
Oil Range Organics (Over C28-C36) Surrogate	%Recovery				mg/Kg				
Oil Range Organics (Over C28-C36)	%Recovery	Qualifier	Limits		mg/Kg		Prepared 04/24/25 11:13	Analyzed	Dil Fa
Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	%Recovery 196 193	Qualifier S1+ S1+	Limits 70 - 130 70 - 130		mg/Kg		Prepared 04/24/25 11:13	Analyzed 04/26/25 12:25	Dil Fa
Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	%Recovery 196 193 Ion Chroma	Qualifier S1+ S1+	Limits 70 - 130 70 - 130	MDL		D	Prepared 04/24/25 11:13	Analyzed 04/26/25 12:25	Dil Fa

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-57275-2 Date Collected: 04/23/25 00:00 **Matrix: Solid**

Date Received: 04/24/25 09:26

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:00	04/24/25 13:55	1
Toluene	0.00826		0.00200		mg/Kg		04/24/25 11:00	04/24/25 13:55	1
Ethylbenzene	0.00552		0.00200		mg/Kg		04/24/25 11:00	04/24/25 13:55	1
m-Xylene & p-Xylene	0.0114		0.00401		mg/Kg		04/24/25 11:00	04/24/25 13:55	1
o-Xylene	0.00363		0.00200		mg/Kg		04/24/25 11:00	04/24/25 13:55	1
Xylenes, Total	0.0150		0.00401		mg/Kg		04/24/25 11:00	04/24/25 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/24/25 11:00	04/24/25 13:55	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/24/25 11:00	04/24/25 13:55	1

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1

SDG: Lea County, New Mexico

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-57275-2

Date Collected: 04/23/25 00:00 **Matrix: Solid** Date Received: 04/24/25 09:26

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0288	0.00401	ma/Ka			04/24/25 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac
Total TPH	78.0		50.0		mg/Kg			04/26/25 13:21	1

Method: SW846 8015B NM - Diesel Pange Organics (DPO) (GC)

method. 5W640 0013D NM - Dieser Kange Organics (DICO) (GG)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		04/24/25 11:13	04/26/25 13:21	1	
(GRO)-C6-C10 Diesel Range Organics (Over	78.0		50.0		mg/Kg		04/24/25 11:13	04/26/25 13:21	1	
C10-C28)	70.0		30.0		mg/rtg		04/24/25 11:15	04/20/23 13.21	•	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		ma/Ka		04/24/25 11:13	04/26/25 13:21	1	

	Surrogate	%Recovery	Qualitier	Limits	Prepared	Analyzed	Dil Fac
	1-Chlorooctane (Surr)	206	S1+	70 - 130	04/24/25 11:13	04/26/25 13:21	1
l	o-Terphenyl (Surr)	201	S1+	70 - 130	04/24/25 11:13	04/26/25 13:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181	9.98	mg/Kg			04/24/25 17:26	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-57275-3 Date Collected: 04/23/25 00:00 **Matrix: Solid**

Date Received: 04/24/25 09:26

Method: SW846 8021B - Volatile Organic Compounds (GC	;)
--	----

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 18:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 18:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/24/25 09:26	04/24/25 18:40	1
o-Xylene	0.00520		0.00200		mg/Kg		04/24/25 09:26	04/24/25 18:40	1
Xylenes, Total	0.00520		0.00399		mg/Kg		04/24/25 09:26	04/24/25 18:40	1
Surrogato	% Pocovory	Qualifier	Limite				Propared	Analyzad	Dil Esc

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102	70 - 130	04/24/25 09:26	04/24/25 18:40	1
1,4-Difluorobenzene (Surr)	101	70 - 130	04/24/25 09:26	04/24/25 18:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00520		0.00399		mg/Kg			04/24/25 18:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49 7 U	49 7	ma/Ka			04/26/25 13:37	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

			. (/ (<i>,</i>				
Analyte	Result	Qualifier	RL	MDL Unit	: D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7	mg/ł	 Kg	04/24/25 11:13	04/26/25 13:37	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.7	U	49.7	mg/l	≺g	04/24/25 11:13	04/26/25 13:37	1
C10-C28)								

Released to Imaging: 7/24/2025 2:45:04 PM

Job ID: 880-57275-1

Client: Carmona Resources Project/Site: Cutbow East CTB (01.01.2025) SDG: Lea County, New Mexico

Lab Sample ID: 880-57275-3

Client Sample ID: H-3 (0-0.5') Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 09:26

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		04/24/25 11:13	04/26/25 13:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	209	S1+	70 - 130			04/24/25 11:13	04/26/25 13:37	1
o-Terphenyl (Surr)	200	S1+	70 - 130			04/24/25 11:13	04/26/25 13:37	1

Method: EPA 300.0 - Anions, lo	n Chromat	ography - S	oluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		10.1		mg/Kg			04/24/25 17:32	1

Client Sample ID: H-4 (0-0.5') Date Collected: 04/23/25 00:00

Lab Sample ID: 880-57275-4

Matrix: Solid

Date Received: 04/24/25 09:26

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00199	U	0.00199		mg/Kg		04/24/25 09:26	04/24/25 19:01	1
< 0.00199	U	0.00199		mg/Kg		04/24/25 09:26	04/24/25 19:01	1
< 0.00199	U	0.00199		mg/Kg		04/24/25 09:26	04/24/25 19:01	1
<0.00398	U	0.00398		mg/Kg		04/24/25 09:26	04/24/25 19:01	1
< 0.00199	U	0.00199		mg/Kg		04/24/25 09:26	04/24/25 19:01	1
<0.00398	U	0.00398		mg/Kg		04/24/25 09:26	04/24/25 19:01	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
103		70 - 130				04/24/25 09:26	04/24/25 19:01	1
101		70 - 130				04/24/25 09:26	04/24/25 19:01	1
	<0.00199 <0.00199 <0.00199 <0.00398 <0.00199 <0.00398 %Recovery 103		<0.00199	<0.00199 U	<0.00199 U	<0.00199 U	<0.00199 U	<0.00199 U 0.00199 mg/Kg 04/24/25 09:26 04/24/25 19:01 <0.00199

Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 19:01	1
Method: SW846 8015 NM - Die	sel Range (Organics (I	DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		ma/Ka			04/26/25 13:54	1

-									
Method: SW846 8015B NM - D	_	_	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 11:13	04/26/25 13:54	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/24/25 11:13	04/26/25 13:54	•
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 11:13	04/26/25 13:54	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	199	S1+	70 - 130				04/24/25 11:13	04/26/25 13:54	
o-Terphenyl (Surr)	187	S1+	70 - 130				04/24/25 11:13	04/26/25 13:54	

RL

9.96

MDL Unit

mg/Kg

Prepared

Result Qualifier

167

Eurofins Midland

Analyzed

04/24/25 17:49

Dil Fac

Analyte

Chloride

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

Client Sample ID: H-5 (0-0.5')

Date Collected: 04/23/25 00:00 Date Received: 04/24/25 09:26

Lab Sample ID: 880-57275-5

04/24/25 11:13 04/26/25 14:10

Analyzed

04/24/25 17:54

Matrix: Solid

Prepared

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:26	04/24/25 19:21	1
Toluene	0.00199		0.00199		mg/Kg		04/24/25 09:26	04/24/25 19:21	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		04/24/25 09:26	04/24/25 19:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/24/25 09:26	04/24/25 19:21	1
o-Xylene	0.00268		0.00199		mg/Kg		04/24/25 09:26	04/24/25 19:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 09:26	04/24/25 19:21	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	101		70 - 130				04/24/25 09:26	04/24/25 19:21	
1,4-Difluorobenzene (Surr)	101		70 - 130				04/24/25 09:26	04/24/25 19:21	1
Analyte Total BTEX	0.00467	Qualifier	0.00398	WIDE	Unit mg/Kg	D	Prepared	Analyzed 04/24/25 19:21	
	0.00467		0.00398	MDL					Dil Fac
Total BTEX	0.00467 esel Range (0.00398				Prepared		
Total BTEX Method: SW846 8015 NM - Did	0.00467 esel Range (Organics (0.00398 DRO) (GC)		mg/Kg		<u> </u>	04/24/25 19:21	
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	0.00467 esel Range (Result <50.2	Organics (Qualifier	0.00398 DRO) (GC) RL 50.2		mg/Kg		<u> </u>	04/24/25 19:21 Analyzed	
Total BTEX Method: SW846 8015 NM - Did Analyte	0.00467 esel Range (Result <50.2	Organics (Qualifier	0.00398 DRO) (GC) RL 50.2	MDL	mg/Kg		<u> </u>	04/24/25 19:21 Analyzed	Dil Fa
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics	0.00467 esel Range (Result <50.2	Organics (Qualifier U Organics Qualifier Qualifier	0.00398 DRO) (GC) RL 50.2 (DRO) (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	04/24/25 19:21 Analyzed 04/26/25 14:10	Dil Fa
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did	0.00467 esel Range (Result <50.2 Diesel Range Result	Organics (Qualifier U Organics Qualifier U	0.00398 DRO) (GC) RL 50.2 (DRO) (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared 04/24/25 11:13	04/24/25 19:21 Analyzed 04/26/25 14:10 Analyzed	Dil Fa
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.00467 esel Range (Result <50.2 esel Range Result <50.2 <50.2	Organics (Qualifier U Organics Qualifier U U	0.00398 DRO) (GC) RL 50.2 (DRO) (GC) RL 50.2 50.2	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 04/24/25 11:13 04/24/25 11:13	Analyzed 04/26/25 14:10 Analyzed 04/26/25 14:10 04/26/25 14:10 04/26/25 14:10	Dil Fa
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.00467 esel Range (Result <50.2 Diesel Range Result <50.2	Organics (Qualifier U Organics Qualifier U U	0.00398 DRO) (GC) RL 50.2 (DRO) (GC) RL 50.2	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 04/24/25 11:13 04/24/25 11:13	Analyzed 04/26/25 14:10 Analyzed 04/26/25 14:10	Dil Fa
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	0.00467 esel Range (Result <50.2 esel Range Result <50.2 <50.2	Organics (Qualifier U Organics Qualifier U U	0.00398 DRO) (GC) RL 50.2 (DRO) (GC) RL 50.2 50.2	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 04/24/25 11:13 04/24/25 11:13	Analyzed 04/26/25 14:10 Analyzed 04/26/25 14:10 04/26/25 14:10 04/26/25 14:10	

Client Sample ID: H-6 (0-0.5') Lab Sample ID: 880-57275-6 Date Collected: 04/23/25 00:00

RL

9.90

MDL Unit

mg/Kg

70 - 130

196 S1+

Result Qualifier

95.4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Date Received: 04/24/25 09:26

o-Terphenyl (Surr)

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 19:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 19:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 19:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/24/25 09:26	04/24/25 19:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 19:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 09:26	04/24/25 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/24/25 09:26	04/24/25 19:42	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/24/25 09:26	04/24/25 19:42	1

Client Sample Results

Client: Carmona Resources

Chloride

Project/Site: Cutbow East CTB (01.01.2025)

SDG: Lea County, New Mexico

04/24/25 18:11

Lab Sample ID: 880-57275-6

Matrix: Solid

Job ID: 880-57275-1

Client Sample ID: H-6 (0-0.5')
Date Collected: 04/23/25 00:00
Date Received: 04/24/25 09:26

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/24/25 19:42	1
- Method: SW846 8015 NM - Die	sel Range (Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	83.4		50.1		mg/Kg			04/26/25 14:28	1
Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1		mg/Kg		04/24/25 11:13	04/26/25 14:28	1
(GRO)-C6-C10									
Diesel Range Organics (Over	83.4		50.1		mg/Kg		04/24/25 11:13	04/26/25 14:28	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 11:13	04/26/25 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	197	S1+	70 - 130				04/24/25 11:13	04/26/25 14:28	1
o-Terphenyl (Surr)	193	S1+	70 - 130				04/24/25 11:13	04/26/25 14:28	1
Method: EPA 300.0 - Anions, I	on Chromat	ography -	Soluble						
WELLIOU. LI A 300.0 - AIIIOIIS, I	on omonia	ograpily -	Joidble						

9.98

mg/Kg

Surrogate Summary

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

			Perce	nt Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-57275-1	H-1 (0-0.5')	108	91	
880-57275-2	H-2 (0-0.5')	106	96	
880-57275-3	H-3 (0-0.5')	102	101	
880-57275-4	H-4 (0-0.5')	103	101	
880-57275-5	H-5 (0-0.5')	101	101	
880-57275-6	H-6 (0-0.5')	102	101	
890-8028-A-21-A MS	Matrix Spike	112	94	
890-8028-A-21-B MSD	Matrix Spike Duplicate	108	100	
890-8028-A-31-F MS	Matrix Spike	101	101	
890-8028-A-31-G MSD	Matrix Spike Duplicate	103	99	
LCS 880-108489/1-A	Lab Control Sample	106	101	
LCS 880-108523/1-A	Lab Control Sample	105	104	
LCSD 880-108489/2-A	Lab Control Sample Dup	109	99	
LCSD 880-108523/2-A	Lab Control Sample Dup	106	99	
MB 880-108489/5-A	Method Blank	100	89	
MB 880-108523/5-A	Method Blank	99	95	

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
		1CO1	ОТРН1					
Lab Sample ID	Client Sample ID	(70-130)	70-130)					
880-57275-1	H-1 (0-0.5')	196 S1+	193 S1+					
880-57275-1 MS	H-1 (0-0.5')	207 S1+	186 S1+					
880-57275-1 MSD	H-1 (0-0.5')	182 S1+	188 S1+					
880-57275-2	H-2 (0-0.5')	206 S1+	201 S1+					
380-57275-3	H-3 (0-0.5')	209 S1+	200 S1+					
880-57275-4	H-4 (0-0.5')	199 S1+	187 S1+					
880-57275-5	H-5 (0-0.5')	209 S1+	196 S1+					
880-57275-6	H-6 (0-0.5')	197 S1+	193 S1+					
_CS 880-108561/2-A	Lab Control Sample	117	124					
LCSD 880-108561/3-A	Lab Control Sample Dup	146 S1+	128					
MB 880-108561/1-A	Method Blank	186 S1+	181 S1+					

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108489/5-A

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108489

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/23/25 16:52	04/24/25 11:26	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	I
4-Bromofluorobenzene (Surr)	100		70 - 130	04/23/25 16:52	04/24/25 11:26	
1,4-Difluorobenzene (Surr)	89		70 - 130	04/23/25 16:52	04/24/25 11:26	

Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 108512

Lab Sample ID: LCS 880-108489/1-A

Prep Type: Total/NA

Prep Batch: 108489

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1019 mg/Kg 102 70 - 130 Toluene 0.100 0.09375 mg/Kg 70 - 130 94 Ethylbenzene 0.100 mg/Kg 103 70 - 130 0.1028 0.200 106 m-Xylene & p-Xylene 0.2116 mg/Kg 70 - 1300.100 0.1073 107 70 - 130 o-Xylene mg/Kg

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-108489/2-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 108512

Prep Type: Total/NA Prep Batch: 108489

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Benzene 0.100 0.09998 mg/Kg 100 70 - 130 2 35 Toluene 0.100 0.09329 mg/Kg 93 70 - 130 0 35 Ethylbenzene 0.100 0.1031 mg/Kg 103 70 - 130 0 35 m-Xylene & p-Xylene 0.200 0.2126 mg/Kg 106 70 - 130 35 0.100 0.1083 108 70 - 130 35 o-Xylene mg/Kg

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-8028-A-21-A MS

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 108489

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene <0.00200 U F1 F2 0.100 0.04889 F1 49 70 - 130 mg/Kg Toluene <0.00200 U F1 F2 0.100 0.02683 F1 mg/Kg 27 70 - 130

Eurofins Midland

Dil Fac

QC Sample Results

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8028-A-21-A MS

Lab Sample ID: 890-8028-A-21-B MSD

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: Matrix Spike

Prep Type: Total/NA **Prep Batch: 108489**

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00200	U F1 F2	0.100	0.01438	F1	mg/Kg		14	70 - 130	
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.02547	F1	mg/Kg		13	70 - 130	
o-Xylene	<0.00200	U F1 F2	0.100	0.01523	F1	mg/Kg		15	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 108512

Prep Type: Total/NA

Prep Batch: 108489

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F1 F2	0.100	0.09062	F2	mg/Kg		91	70 - 130	60	35
Toluene	<0.00200	U F1 F2	0.100	0.07961	F2	mg/Kg		80	70 - 130	99	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.08479	F2	mg/Kg		85	70 - 130	142	35
m-Xylene & p-Xylene	< 0.00399	U F1 F2	0.200	0.1719	F2	mg/Kg		86	70 - 130	148	35
o-Xylene	<0.00200	U F1 F2	0.100	0.08896	F2	mg/Kg		89	70 - 130	142	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-108523/5-A

Matrix: Solid

Analysis Batch: 108514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108523

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 11:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/24/25 09:26	04/24/25 11:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:26	04/24/25 11:37	1
Xvlenes. Total	< 0.00400	U	0.00400		ma/Ka		04/24/25 09:26	04/24/25 11:37	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/24/25 09:26 04/24/25 11:37	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/24/25 09:26 04/24/25 11:37	1

Lab Sample ID: LCS 880-108523/1-A

Matrix: Solid

Analysis Batch: 108514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108523

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09840		mg/Kg		98	70 - 130	
Toluene	0.100	0.09404		mg/Kg		94	70 - 130	
Ethylbenzene	0.100	0.09928		mg/Kg		99	70 - 130	
m-Xylene & p-Xylene	0.200	0.2023		mg/Kg		101	70 - 130	

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-108523/1-A

Lab Sample ID: LCSD 880-108523/2-A

Matrix: Solid

Analyte

o-Xylene

Analysis Batch: 108514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108523

LCS LCS Spike Added Result Qualifier Unit %Rec Limits 0 100 0 1018 mg/Kg 102 70 - 130

%Rec

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 105 70 - 130 1,4-Difluorobenzene (Surr) 104 70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 108514

Prep Type: Total/NA

Prep Batch: 108523 %Rec **RPD** Limits **RPD** Limit

Spike LCSD LCSD Added Result Qualifier Analyte Unit D %Rec Benzene 0.100 0.09197 mg/Kg 92 70 - 130 35 Toluene 0.100 0.08779 mg/Kg 88 70 - 130 35 Ethylbenzene 0.100 mg/Kg 92 70 - 130 35 0.09206 8 m-Xylene & p-Xylene 0.200 0.1866 93 70 - 130 35 mg/Kg o-Xylene 0.100 0.09397 mg/Kg 94 70 - 130 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-8028-A-31-F MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 108514

Prep Type: Total/NA Prep Batch: 108523

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier %Rec Limits **Analyte** Unit D <0.00200 U Benzene 0.100 0.09708 mg/Kg 97 70 - 130 Toluene <0.00200 U 0.100 0.09116 mg/Kg 91 70 - 130Ethylbenzene <0.00200 U 0.100 0.09548 mg/Kg 95 70 - 130 m-Xylene & p-Xylene <0.00399 U 0.200 0.1937 mg/Kg 97 70 - 130 o-Xylene <0.00200 U 0.100 0.09701 mg/Kg 97 70 - 130

MS MS

Surrogate	%Recovery Qualifier	r Limits
4-Bromofluorobenzene (Surr)	101	70 - 130
1.4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: 890-8028-A-31-G MSD

Matrix: Solid

Analysis Ratch: 108514

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Pron Batch: 108523

								Lieh Do	itteri. It	J0323
Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
<0.00200	U	0.100	0.09419	-	mg/Kg		94	70 - 130	3	35
<0.00200	U	0.100	0.08795		mg/Kg		88	70 - 130	4	35
<0.00200	U	0.100	0.09155		mg/Kg		92	70 - 130	4	35
< 0.00399	U	0.200	0.1844		mg/Kg		92	70 - 130	5	35
<0.00200	U	0.100	0.09305		mg/Kg		93	70 - 130	4	35
	Result <0.00200 <0.00200 <0.00200 <0.00399	Sample Sample	Result Qualifier Added <0.00200	Result Qualifier Added Result <0.00200	Result Qualifier Added Result Qualifier <0.00200	Result Qualifier Added Result Qualifier Unit <0.00200	Result Qualifier Added Result Qualifier Unit D <0.00200	Result Qualifier Added Result Qualifier Unit D %Rec <0.00200	Sample Result Result Qualifier Qualifie	Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD <0.00200

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8028-A-31-G MSD

Matrix: Solid

Analysis Batch: 108514

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 108523

MSD MSD

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 103 70 - 130 1,4-Difluorobenzene (Surr) 99 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-108561/1-A

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108561

MD MD

	INIB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 11:13	04/26/25 05:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 11:13	04/26/25 05:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 11:13	04/26/25 05:22	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	186	S1+	70 - 130	04/24/25 11:13	04/26/25 05:22	1
o-Terphenyl (Surr)	181	S1+	70 - 130	04/24/25 11:13	04/26/25 05:22	1

Lab Sample ID: LCS 880-108561/2-A

Matrix: Solid

Analysis Batch: 108762

Client Sample	ID:	Lab (Contro	l Sample
		Dram	Turner	Total/NIA

Prep Type: Total/NA

Prep Batch: 108561

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1128		mg/Kg		113	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1228		mg/Kg		123	70 - 130	

LCS LCS

Surrogate	%Recovery Qualific	er Limits
1-Chlorooctane (Surr)	117	70 - 130
o-Terphenyl (Surr)	124	70 - 130

Lab Sample ID: LCSD 880-108561/3-A

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108561

-	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1207		mg/Kg		121	70 - 130	7	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1211		mg/Kg		121	70 - 130	1	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane (Surr)	146	S1+	70 - 130		
o-Terphenyl (Surr)	128		70 - 130		

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-57275-1 MS

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 108561 %Rec

Sample Sample Spike MS MS Result Qualifier Result Qualifier Added %Rec Limits Analyte Unit Gasoline Range Organics <50.1 U 1010 1170 mg/Kg 116 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.1 UF1 1010 1259 122 70 - 130 mg/Kg

C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	207	S1+	70 - 130
o-Terphenyl (Surr)	186	S1+	70 - 130

Lab Sample ID: 880-57275-1 MSD **Client Sample ID: H-1 (0-0.5')** Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 108762

Prep Batch: 108561 Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Gasoline Range Organics <50.1 U 1010 1193 119 70 - 130 2 20 mg/Kg (GRO)-C6-C10 7 Diesel Range Organics (Over <50.1 UF1 1010 1353 F1 mg/Kg 131 70 - 130 20

C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 182 S1+ 70 - 130 o-Terphenyl (Surr) 188 S1+ 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108555/1-A

Matrix: Solid

Analyte

Chloride

Analysis Batch: 108575

Prep Type: Soluble

MDL Unit

mg/Kg

Prepared Analyzed Dil Fac 04/24/25 15:56

Prep Type: Soluble

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample Dup

Analysis Batch: 108575

Lab Sample ID: LCS 880-108555/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

RL

10.0

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 241.9 mg/Kg 97 90 - 110

MB MB

<10.0 U

Result Qualifier

Lab Sample ID: LCSD 880-108555/3-A

Matrix: Solid

Analysis Batch: 108575									
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	243.2		mg/Kg	_	97	90 - 110	1	20

QC Sample Results

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1

SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57275-3 MS **Client Sample ID: H-3 (0-0.5') Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 108575

%Rec Sample Sample Spike MS MS Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits Chloride 252 103 368.6 mg/Kg 105 90 - 110

Lab Sample ID: 880-57275-3 MSD **Client Sample ID: H-3 (0-0.5')**

Matrix: Solid

Analysis Batch: 108575

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	103		252	368.8		mg/Kg		106	90 - 110	0	20

Prep Type: Soluble

QC Association Summary

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 108489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-57275-2	H-2 (0-0.5')	Total/NA	Solid	5035	
MB 880-108489/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108489/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108489/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8028-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
890-8028-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 108512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-1	H-1 (0-0.5')	Total/NA	Solid	8021B	108489
880-57275-2	H-2 (0-0.5')	Total/NA	Solid	8021B	108489
MB 880-108489/5-A	Method Blank	Total/NA	Solid	8021B	108489
LCS 880-108489/1-A	Lab Control Sample	Total/NA	Solid	8021B	108489
LCSD 880-108489/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108489
890-8028-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	108489
890-8028-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108489

Analysis Batch: 108514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-3	H-3 (0-0.5')	Total/NA	Solid	8021B	108523
880-57275-4	H-4 (0-0.5')	Total/NA	Solid	8021B	108523
880-57275-5	H-5 (0-0.5')	Total/NA	Solid	8021B	108523
880-57275-6	H-6 (0-0.5')	Total/NA	Solid	8021B	108523
MB 880-108523/5-A	Method Blank	Total/NA	Solid	8021B	108523
LCS 880-108523/1-A	Lab Control Sample	Total/NA	Solid	8021B	108523
LCSD 880-108523/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108523
890-8028-A-31-F MS	Matrix Spike	Total/NA	Solid	8021B	108523
890-8028-A-31-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108523

Prep Batch: 108523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-57275-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-57275-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-57275-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-108523/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108523/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108523/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8028-A-31-F MS	Matrix Spike	Total/NA	Solid	5035	
890-8028-A-31-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 108593

Lab Sample ID 880-57275-1	Client Sample ID H-1 (0-0.5')	Prep Type Total/NA	Matrix Solid	Method Total BTEX	Prep Batch
880-57275-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57275-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57275-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57275-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57275-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

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QC Association Summary

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 108561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57275-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57275-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57275-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57275-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57275-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-108561/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108561/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108561/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57275-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57275-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	108561
880-57275-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	108561
880-57275-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	108561
880-57275-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	108561
880-57275-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	108561
880-57275-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	108561
MB 880-108561/1-A	Method Blank	Total/NA	Solid	8015B NM	108561
LCS 880-108561/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108561
LCSD 880-108561/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108561
880-57275-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	108561
880-57275-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	108561

Analysis Batch: 108808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-57275-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-57275-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-57275-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-57275-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-57275-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 108555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-57275-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-57275-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-57275-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-57275-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-57275-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-108555/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108555/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108555/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57275-3 MS	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-57275-3 MSD	H-3 (0-0.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 108575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57275-1	H-1 (0-0.5')	Soluble	Solid	300.0	108555
880-57275-2	H-2 (0-0.5')	Soluble	Solid	300.0	108555
880-57275-3	H-3 (0-0.5')	Soluble	Solid	300.0	108555
880-57275-4	H-4 (0-0.5')	Soluble	Solid	300.0	108555
880-57275-5	H-5 (0-0.5')	Soluble	Solid	300.0	108555
880-57275-6	H-6 (0-0.5')	Soluble	Solid	300.0	108555
MB 880-108555/1-A	Method Blank	Soluble	Solid	300.0	108555
LCS 880-108555/2-A	Lab Control Sample	Soluble	Solid	300.0	108555
LCSD 880-108555/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108555
880-57275-3 MS	H-3 (0-0.5')	Soluble	Solid	300.0	108555
880-57275-3 MSD	H-3 (0-0.5')	Soluble	Solid	300.0	108555

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Project/Site: Cutbow East CTB (01.01.2025)

Lab Sample ID: 880-57275-1

Matrix: Solid

Matrix: Solid

EET MID

EET MID

Client Sample ID: H-1 (0-0.5') Date Collected: 04/23/25 00:00

Date Received: 04/24/25 09:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108489	04/24/25 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/24/25 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108593	04/24/25 13:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			108808	04/26/25 12:25	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108561	04/24/25 11:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/26/25 12:25	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 17:20	CS	EET MID

Client Sample ID: H-2 (0-0.5')

Batch

Type

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

5035 8021B

Method

Total BTEX

8015NM Prep

8015 NM

8015B NM

DI Leach

300.0

Run

Date Collected: 04/23/25 00:00

Date Received: 04/24/25 09:26

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

1	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab	
_		4.99 g	5 mL	108489	04/24/25 11:00	MNR	EET MID	4
	1	5 mL	5 mL	108512	04/24/25 13:55	MNR	EET MID	
	1			108593	04/24/25 13:55	SA	EET MID	
	1			108808	04/26/25 13:21	SA	EET MID	
		10.01 g	10 mL	108561	04/24/25 11:13	FC	EET MID	

108762

108555

Client Sample ID: H-3 (0-0.5') Date Collected: 04/23/25 00:00

Date Received: 04/24/25 09:26

108575	04/24/25 17:26	cs	EET MID
L	ab Sample	ID:	880-57275-3
	_		Matrix: Solid

04/26/25 13:21 TKC

04/24/25 10:53 SMC

Lab Sample ID: 880-57275-2

Prep Type Total/NA Total/NA Total/NA Total/NA	Type Prep Analysis Analysis Analysis	Batch Method 5035 8021B Total BTEX 8015 NM	Run	Dil Factor	Initial Amount 5.01 g 5 mL	Final Amount 5 mL 5 mL	Batch Number 108523 108514 108593 108808	Prepared or Analyzed 04/24/25 09:26 04/24/25 18:40 04/24/25 18:40 04/26/25 13:37		EET MID EET MID EET MID
Total/NA Total/NA Soluble Soluble	Prep Analysis Leach Analysis	8015 NM 8015NM Prep 8015B NM DI Leach 300.0		1	10.06 g 1 uL 4.96 g	10 mL 1 uL 50 mL	108561 108762 108555 108575	04/24/25 11:13 04/26/25 13:37 04/24/25 10:53 04/24/25 17:32	FC TKC SMC	EET MID EET MID EET MID EET MID

1 uL

5.01 g

1

1 uL

50 mL

CI

Client Sample ID: H-4 (0-0.5')	Lab Sample ID: 880-57275-4
Date Collected: 04/23/25 00:00	Matrix: Solid
Date Received: 04/24/25 09:26	

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108523	04/24/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108514	04/24/25 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108593	04/24/25 19:01	SA	EET MID

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-57275-4

Matrix: Solid

Client Sample ID: H-4 (0-0.5') Date Collected: 04/23/25 00:00 Date Received: 04/24/25 09:26

		Batch	Batch		Dil	Initial	Final	Batch	Prepared		
F	rep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Ī	otal/NA	Analysis	8015 NM		1			108808	04/26/25 13:54	SA	EET MID
T	otal/NA	Prep	8015NM Prep			10.04 g	10 mL	108561	04/24/25 11:13	FC	EET MID
	otal/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/26/25 13:54	TKC	EET MID
8	Soluble	Leach	DI Leach			5.02 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
LS	Soluble	Analysis	300.0		1			108575	04/24/25 17:49	CS	EET MID

Lab Sample ID: 880-57275-5

Matrix: Solid

Matrix: Solid

Client Sample ID: H-5 (0-0.5') Date Collected: 04/23/25 00:00

Date Received: 04/24/25 09:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108523	04/24/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108514	04/24/25 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108593	04/24/25 19:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			108808	04/26/25 14:10	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	108561	04/24/25 11:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/26/25 14:10	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 17:54	CS	EET MID

Lab Sample ID: 880-57275-6 **Client Sample ID: H-6 (0-0.5')**

Date Collected: 04/23/25 00:00

Date Received: 04/24/25 09:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108523	04/24/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108514	04/24/25 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108593	04/24/25 19:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			108808	04/26/25 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	108561	04/24/25 11:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/26/25 14:28	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 18:11	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-57275-1

Project/Site: Cutbow East CTB (01.01.2025) SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

uthority	Progra	am	Identification Number	Expiration Date
exas	NELA	Р	T104704400	06-30-25
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i ne following analyte	s are included in this repo	rt, but the laboratory is r	not certified by the governing author	ity. This list may inc
,	s are included in this repo does not offer certification	•	not certified by the governing author	ity. This list may inc
,	•	•	not certified by the governing author Analyte	ity. This list may ind
for which the agency	does not offer certification	I.	, , ,	ity. This list may ind

Method Summary

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1

SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources

Project/Site: Cutbow East CTB (01.01.2025)

Job ID: 880-57275-1 SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57275-1	H-1 (0-0.5')	Solid	04/23/25 00:00	04/24/25 09:26
880-57275-2	H-2 (0-0.5')	Solid	04/23/25 00:00	04/24/25 09:26
880-57275-3	H-3 (0-0.5')	Solid	04/23/25 00:00	04/24/25 09:26
880-57275-4	H-4 (0-0.5')	Solid	04/23/25 00:00	04/24/25 09:26
880-57275-5	H-5 (0-0.5')	Solid	04/23/25 00:00	04/24/25 09:26
880-57275-6	H-6 (0-0.5')	Solid	04/23/25 00:00	04/24/25 09:26

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Company Name Cammona Resources Company Name Cammona Resources Cammona Resour	Project Manager.	Ashton Thielke			DIII tO. (if different)	(10	Laci Luig	5					WOLK	Work Order Comments	mments	
Midtand, TX, 73701 Page 18 Page 19 Pag		Sarmona Resources			Company Nan	ne:	Cimare	Energy				Program: UST/PS	T DRP	rownfie		Derfund
According Land TX 73701 Transmitted Conf. State 21P. Middlend, TX 78701 Transmitted Conf. State 21P. Transmitted C		10 W Wall St Ste 500			Address:		600 N N	farienfield	St, Suite 6	00		State of Project:				
Cutbow East CTB (01.012025) Turn Around Sasthouthielke@coterra come a stritouthielke@coterra come Sasthouthielke@coterra come Sasthouthielke@coter	City, State ZIP: N	Aidland, TX 79701			City, State ZIP		Midland	TX 7970	1			Reporting:Level II	☐Level III			Level IV
Cutbow East CTB (0.101.2025)	Phone: 4	132-813-8988		Email:	laci.luig@cot	erra.com	s ashton.t	hielke@	coterra.co	E		Deliverables: EDD		ADaPT [
The county, New Mexico Capulfre Capulf	Project Name:	Cutbow East CTB ((11.01.2025)	Turn	Around			Ż		ANAL	YSIS RE	QUEST			Preserva	ive Codes
Tagging lank: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee No Wet ice: Yee Yee	Project Number:	2694		☐ Routine	☑ Rush	Pres. Code								ž	one: NO	DI Water: H
The control of the	Project Location	Lea County, New	v Mexico	Due Date:	48 hr.									ŏ	ool: Cool	MeOH: Me
T Team Plank: Yes No The monometer Team The monometer Team The monometer Team Team	Sampler's Name:	GPJ/RP						(OBV						Ĭ	CL: HC	HNO ₃ : HN
Tranga Blank: Yes No Wet Ice: Yes No Wet Ice: Yes No Thermomeler Correction Factor: Thermomeler Correction Factor: Part Part	PO #:					s.		V + (H H	SO4: H ₂	NaOH: Na
Yes No Thermometer The Thermometer Thermometer	AMPLE RECEIP		Yes No	Wet Ice:	_		81							Ξ̈́	PO4: HP	
Yes No WA Correction Factor	Received Intact:	(Yes)No	Thermometer		1784	ıran	805	_							aHSO4: NABIS	
Yes No	Cooler Custody Seals:	Yes No	Correction Facto	Ĭ.	1-1	.4	X3.								a ₂ S ₂ O ₃ : NaSO	
Corrected Temperature:	mple Custody Seals	Yes No	Temperature Re	ading:	15.0	9	18	-						Zu	Acetate+NaC	H: Zn
Date Time Soil Water Comp Cont Cont And	Total Containers:		Corrected Temp	erature:	3	7		108						ž	aOH+Ascorbic	Acid: SAPC
4/23/2025 X G 1 X X	Sample Identi		Time	Soil				НФТ							Sample (omments
4/23/2025 X G 1 X X	H-1 (0-0.		2	×		-	\vdash	┢								
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Date/Time Beceived by: (Signature)		isellidasi is	d by. (Digitatule)				Caro	2			1	Selved by. (Digitature				Jale/ IIIIe
Relinquished by: (Signature) Date/Time , Received by: (Signature) , Date/Time	//	an Is	Busies			4/4	4/256	3.1:			1				127	25 CG
Date/Time Received by: (Signature)									-		-					

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57275-1

SDG Number: Lea County, New Mexico

List Source: Eurofins Midland

Login Number: 57275 List Number: 1

Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Palarrad to Truncing 7/24/2025 2:45:04 PM

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July 01, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CUTBOW EAST CTB (01.01.2025)

Enclosed are the results of analyses for samples received by the laboratory on 06/27/25 13:49.

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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 06/27/2025

Sampling Date: 06/27/2025

Reported: 07/01/2025
Project Name: CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil

Project Number: 2694

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 1 (3.0') (H253902-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025 Sampling Date: 06/27/2025

Project Name:

07/01/2025 CUTBOW EAST CTB (01.01.2025) Sampling Type: Soil
Sampling Condition: Cool &

Project Number

Sample Received By:

Cool & Intact Alyssa Parras

Project Number: 2694
Project Location: CIMA

CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 2 (3.0') (H253902-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (Pl	D 96.0	% 71.5-13	34						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					
Surrogate: 1-Chlorooctane	97.9	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	53						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	13						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

07/01/2025 CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 06/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 3 (3.0') (H253902-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	93.2	% 40.6-15	3						

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Celey D. Keene



Alyssa Parras

Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

 06/27/2025
 Sampling Date:
 06/27/2025

 07/01/2025
 Sampling Type:
 Soil

 CUTBOW EAST CTB (01.01.2025)
 Sampling Condition:
 Cool & Intact

Sample Received By:

Project Number: 2694

Project Name:

BTEX 8021B

EXT DRO >C28-C36

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 4 (3.0') (H253902-04)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Surrogare. / Bromojimorocenzene (112									
Chloride, SM4500CI-B	mg,			d By: AC					
				d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500Cl-B	mg,	/kg	Analyze		BS 432	% Recovery	True Value QC 400	RPD 0.00	Qualifier
Chloride, SM4500Cl-B Analyte	mg ,	Reporting Limit	Analyzed Analyzed 06/30/2025	Method Blank		•	-		Qualifier
Chloride, SM4500Cl-B Analyte Chloride	Result	Reporting Limit	Analyzed Analyzed 06/30/2025	Method Blank		•	-		Qualifier Qualifier
Chloride, SM4500Cl-B Analyte Chloride TPH 8015M	Result 16.0 mg/	Reporting Limit 16.0	Analyzed 06/30/2025 Analyze	Method Blank ND d By: MS	432	108	400	0.00	

ND

06/27/2025

Analyzed By: JH

Surrogate: 1-Chlorooctane 89.4 % 44.4-145 Surrogate: 1-Chlorooctadecane 88.3 % 40.6-153

<10.0

10.0

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025 Sampling Date: 06/27/2025 Sampling Type: Soil

Reported: 07/01/2025 Sampling Type: So Project Name: CUTBOW EAST CTB (01.01.2025) Sampling Condition: Co

Project Number: 2694

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 5 (3.0') (H253902-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	< 0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	100	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025 Sampling Date: 06/27/2025 Sampling Type: Soil

Project Name:

BTEX 8021B

CUTBOW EAST CTB (01.01.2025)

Sampling Condition: Cool & Intact

Project Number:

2694

Sample Received By:

Alyssa Parras

Project Location:

CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 6 (3.0') (H253902-06)

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					
Surrogate: 1-Chlorooctane	96.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.0	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025 Sampling Date: 06/27/2025
Sampling Type: Soil

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 7 (3.0') (H253902-07)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

07/01/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 06/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 8 (3.0') (H253902-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	99.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.6	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

Project Name: CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 06/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: CS - 9 (3.0') (H253902-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

Applyzod By: 14

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06/27/2025

Analytical Results For:

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

Fax T

Received: 06/27/2025 Sampling Date:

Reported: 07/01/2025 Sampling Type: Soil

Project Name: CUTBOW EAST CTB (01.01.2025) Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 10 (3.0') (H253902-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	< 0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
Chloride, SM4500CI-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	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	99.8	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 06/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CS - 11 (3.0') (H253902-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.93	96.3	2.00	4.88	
Toluene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	3.07	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.99	99.7	2.00	2.92	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.88	98.0	6.00	2.87	
Total BTEX	<0.300	0.300	06/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500CI-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	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	213	106	200	5.66	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	215	107	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	91.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.5	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

07/01/2025 S CUTBOW EAST CTB (01.01.2025) S

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 06/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 12 (3.0') (H253902-12)

BTEX 8021B

DILX GOZID	11197	ng .	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	< 0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keene



Analytical Results For:

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

Received: 06/27/2025 Reported:

Sampling Date: 06/27/2025 Sampling Type:

Sample Received By:

Project Name:

07/01/2025

Soil

Project Number:

CUTBOW EAST CTB (01.01.2025) Sampling Condition: Cool & Intact Alyssa Parras

2694 Project Location:

CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 13 (3.0') (H253902-13)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
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	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	114 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

 06/27/2025
 Sampling Date:
 06/27/2025

 07/01/2025
 Sampling Type:
 Soil

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

(2025) Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 14 (3.0') (H253902-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.9	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 07/01/2025 Sampling Date: 06/27/2025 Sampling Type:

Reported: Project Name:

BTEX 8021B

CUTBOW EAST CTB (01.01.2025)

Soil

Project Number:

Sampling Condition: Cool & Intact Alyssa Parras Sample Received By:

2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 15 (3.0') (H253902-15)

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.5	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 06/27/2025 Sampling Date: 06/27/2025

Reported: 07/01/2025 Project Name: CUTBOW EAST CTB (01.01.2025) Sampling Type: Soil Sampling Condition: Cool & Intact

Project Number: 2694 Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 16 (3.0') (H253902-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 9	40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported:

Sampling Date: 06/27/2025 Soil

Project Name:

07/01/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025)

Project Number: 2694 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 17 (3.0') (H253902-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
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	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	108 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104 9	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025 Sampling Date: 06/27/2025

Project Name:

BTEX 8021B

CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil

Project Number:

Sampling Condition: Cool & Intact Alyssa Parras Sample Received By:

2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 18 (3.0') (H253902-18)

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500CI-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	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 06/27/2025 Reported:

07/01/2025 CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 06/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CS - 19 (3.0') (H253902-19)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 71.5-13	4						
Chloride, SM4500CI-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	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

 06/27/2025
 Sampling Date:
 06/27/2025

 07/01/2025
 Sampling Type:
 Soil

Project Name: CUTB Project Number: 2694

CUTBOW EAST CTB (01.01.2025) Sampling Condition: Cool & Intact 2694 Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 20 (3.0') (H253902-20)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	< 0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 71.5-13	4						
Chloride, SM4500CI-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	06/30/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported:

07/01/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025)

Sampling Date:

Sample Received By:

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Soil Sampling Condition: Cool & Intact

06/27/2025

Alyssa Parras

Sample ID: SW - 1 (3.0') (H253902-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

ND

ND

230

218

115

109

200

200

2.74

1.49

06/28/2025

06/28/2025

06/28/2025

Surrogate: 1-Chlorooctane 109 % 44.4-145 Surrogate: 1-Chlorooctadecane 105 % 40.6-153

<10.0

<10.0

<10.0

10.0

10.0

10.0

GRO C6-C10*

DRO >C10-C28*

EXT DRO >C28-C36

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Analytical Results For:

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

1 47

06/27/2025 07/01/2025

CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Received:

Reported:

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 06/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 2 (3.0') (H253902-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	100	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

Sampling Date: 06/27/2025
Sampling Type: Soil

Project Name: CUT Project Number: 269

CUTBOW EAST CTB (01.01.2025) Sampling Condition: Cool & Intact 2694 Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 3 (3.0') (H253902-23)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	< 0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	110	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

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Analytical Results For:

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

Received: 06/27/2025 Reported: 07/01/2025

CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 06/27/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 4 (3.0') (H253902-24)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2025	ND	1.76	88.2	2.00	7.79	
Toluene*	<0.050	0.050	06/30/2025	ND	1.81	90.7	2.00	8.21	
Ethylbenzene*	<0.050	0.050	06/30/2025	ND	1.77	88.7	2.00	9.63	
Total Xylenes*	<0.150	0.150	06/30/2025	ND	5.23	87.2	6.00	9.71	
Total BTEX	<0.300	0.300	06/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/30/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2025	ND	230	115	200	2.74	
DRO >C10-C28*	<10.0	10.0	06/28/2025	ND	218	109	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	06/28/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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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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Celeg D. Freene

		Ghal)		Dolina i		9	omments:)3-10 (3.0)	CS-10 (3.0°)	CS-9 (3.0')	CS-8 (3.0')	CS-7 (3.0') 6/27	CS-6 (3.0') 6/27						CS-1 (3.0') 6/27	Sample Identification D	I otal Containers:	Seals: Yes No	Yes No		SAMPLE RECEIPT Temp Blank:				Project Number: 2	Project Name: Cutbow East C	Phone: 432-813-8988	late ZIP:				Project Manager: Ashton Thielke			·	
		2	Relinquisned by: (Signature)	shad his (Simulation)				6/2//2025	1000	6/27/2025	6/27/2025	6/27/2025	6/27/2025	6/27/2025	6/27/2025	6/2//2025	6202020	DODE.	6/27/2025	Date Time	Corrected Temperature:	N/A Temperature Reading:		The	k: Yes No	ADU-07-25	JDC	Lea County, New Mexico	2694	Cutbow East CTB (01.01.2025)			0		2	9				
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Chain of Custody Work Order No. 1233				-	-		\parallel							Comments:
Chain of Custody Work Order No. 1233													,	:34
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Page Ashton Thicke Carmona Resources Chain of Custody Work Order No. Page 3	is a						-	_	C	×		6/27/2025	0)	SVV-4 (3.1
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Project Manager: Ashton Thicke Company Name: Carmona Resources Company Name: Carmona Resources Company Name: Carmona Resources Company Name: Company Nam							TPL	# of Cont	W170-5-157		Time	Date	fication	Sample Identif
Project Manager: Ashton Thicke Bill to reference Company Name: Cammona Resources Company Name: Ca	NaOH+Ascorbic Aci	,				-	801		これで	ire:	orrected Temperate	0		Total Containers:
Project Manager: Ashton Thicke Bill to: (# affesses: Company Name: Carmona Resources Company Name: Carmona Resources Company Name: Carmona Resources Company Name: Compa		d d				_			21.1		emperature Readin	N/A		Sample Custody Seals:
Chain of Custody Work Order No: Page 3				,				Pai	0.20	7:	orrection Factor:	N/A		Cooler Custody Seals:
Chain of Custody Work Order No: H253 Project Manager: Ashton Thielke Bill to: (r deferent) Laci Luig Pogram: USTIPST PRP Individed of Project: City, State ZIP: Midland, TX 79701 C			:					rame	100	,	hermometer ID:			Received Intact:
Chain of Custody Work Order No: Page 3						-		eters		7		p Blank:		SAMPLE RECEIP
Chain of Custody Work Order No: 1/2/33 Project Manager: Ashton Thicke Bill to: (a different) Lea County, New Mexico Due Date: 72 hr.				1		- WIFC	MD	s .	\				•	PO#:
Project Manager: Ashton Thielke Bill to: (# different) Laci Luig Work Order No: Manager Ashton Thielke Company Name: Carmona Resources Company Name:									/2 hr.	e Date.		JDC.		Sampler's Name:
Chain of Custody Work Order No: H353 Project Manager: Ashton Thicike Company Name: Carmona Resources Company Name: Carmona Resources Address: 310 W Wall St Ste 500 City, State ZIP: Midland, TX 79701 Project Name: Cutbow East CTB (01.01.2025) Turn Around Rush Project: Analysis Request Chain of Custody Work Order No: H253 Project Luig Company Name: Cimarex Energy Address: 600 N Marhenfield St, Suite 600 City, State ZIP: Midland, TX 79701 City, S	-		_	+	ļ	+	I	Code		1		Ounty New Me	l ea (Project Location
Chain of Custody Work Order No: 1933 Project Manager: Ashton Thielke Bill to: (if different) Laci Luig Work Order Comments Company Name: Carmona Resources Company Name: Cimarex Energy Company Name: Cimarex Energy Work Order Comments Address: 310 W Wall St Ste 500 Address: 600 N Marienfield St, Suite 600 State of Project: Reporting: Level III Level III St/UST RRP Project Name: Cutbow East CTB (01.01.2025) Turn Around City, State ZIP: 0ther	Preservative	IES!	SIS REQU	ANALT		_		Pres.	Rush			2694		Project Number:
Chain of Custody Work Order No: 1453 Project Manager: Ashton Thielke Company Name: Carmona Resources City. State ZIP: Midland, TX 79701 Phone: 432-813-8888 Chain of Custody Work Order No: 1453 Page 3 Work Order Comments Frogram: UST/PST PRP rownfields kRC City. State ZIP: Midland, TX 79701 City. State					03529						1.2025)	East CTB (01.0	Cutbow	Project Name:
Chain of Custody Work Order No: 14353 Project Manager: Ashton Thielke Bill to: (if different) Laci Luig Company Name: Carmona Resources Carmona Resources Company Name: Cimarex Energy Address: 310 W Wall St Ste 500 Address: 600 N Marienfield St, Suite 600 Address: Midland, TX 79701 City, State ZIP: Midland, TX 79701 Reporting Level II Stylist Reporting Level III Stylist Reporting Level III Stylist Reporting Level III Stylist Reporting Level III Styli	ADaPT Other	Deliverables: EDI			_	hielke@c	ashton.t	a.com &	luig@coterr				432-813-8988	
Chain of Custody Work Order No: 1932 Project Manager: Ashton Thielke Bill to: (If different) Laci Luig Company Name: Carmona Resources Company Name: Cimarex Energy Address: 310 W Wall St Ste 500 Address: 600 N Marienfield St, Suite 600 State of Project:	ST/IIST DBB	Reporting:Level III			- 1	TX 7970	Midland		State ZIP:	City		701	Midland, TX 79	
Company Name: Carmona Resources Company Name: Carmona Resources Company Name: Cimarex Energy Chain of Custody Work Order No: 143532 Page 3 Work Order Comments Company Name: Cimarex Energy Company Name: Cimarex Energy Company Name: Cimarex Energy	SI LEKE Lirownfields LKC	State of Project:		0	S	arienfield	600 N M		ress;	Add		Ste 500	310 W Wall St	
Chain of Custody Work Order No: 145 Page Page Laci Luig Laci Luig Work Order Comment	Order Colliments	Program: IST/Do			,	Energy	Cimarex		pany Name:	Con		ources	Carmona Reso	
Chain of Custody Work Order No: 145			,			9	Laci Lui		to: (if different)	Bill			Ashton Thielke	
Chain of Custody				7				,			ش *			
	Work Order No: 14353	<												Page 1.
					dy	usto	of C	hain	0					27 o



July 03, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CUTBOW EAST CTB (01.01.2025)

Enclosed are the results of analyses for samples received by the laboratory on 07/01/25 15:23.

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.

Wite Sough

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



Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTB Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 06/30/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 21 (3.0') (H253973-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	96.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 06/30/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 22 (3.0') (H253973-02)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	90.3	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025 Sampling Date: 06/30/2025 Sampling Type: Soil

Project Name:

CUTBOW EAST CTB (01.01.2025)

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 23 (3.0') (H253973-03)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	76.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.3	% 40.6-15	3						

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Alyssa Parras

Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

 07/01/2025
 Sampling Date:
 06/30/2025

 07/03/2025
 Sampling Type:
 Soil

 CUTBOW EAST CTB (01.01.2025)
 Sampling Condition:
 Cool & Intact

Sample Received By:

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 24 (3.0') (H253973-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.7	% 40.6-15	3						
Surrogate: 1-Chlorooctadecane	93.7	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025 Sampling Date: 06/30/2025 Sampling Type:

Project Name:

BTEX 8021B

CUTBOW EAST CTB (01.01.2025)

Soil

Project Number: 2694 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 25 (3.0') (H253973-05)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	72.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.9	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 07/01/2025 Reported: 07/03/2025 Sampling Date: 07/01/2025 Sampling Type: Soil

Project Name:

BTEX 8021B

CUTBOW EAST CTB (01.01.2025)

Sampling Condition: Cool & Intact

Project Number: 2694 Sample Received By:

Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 26 (1.0') (H253973-06)

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	91.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.2	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025 Sampling Date: 07/01/2025 Sampling Type: Soil

Project Name:

CUTBOW EAST CTB (01.01.2025)

Sampling Condition: Cool & Intact

Project Number: 2694 Sample Received By:

Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 27 (1.0') (H253973-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	92.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.4	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported:

07/03/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/01/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: CS - 28 (1.0') (H253973-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	77.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

07/03/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025) Sampling Condition:

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/01/2025

Sample Received By:

Soil

Cool & Intact Alyssa Parras

Sample ID: CS - 29 (1.0') (H253973-09)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	208	104	200	1.83	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	237	118	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	91.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.7	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported:

Sampling Date: 07/01/2025 Sampling Type: Soil

Project Name:

07/03/2025 CUTBOW EAST CTB (01.01.2025)

Sampling Condition:

Project Number: 2694 Sample Received By:

Cool & Intact Alyssa Parras

Project Location:

CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 30 (1.0') (H253973-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	102 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 9	40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported:

07/03/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Soil Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

07/01/2025

Sampling Date:

Sample ID: CS - 31 (1.0') (H253973-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	108 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109 9	6 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

07/03/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/01/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 32 (1.0') (H253973-12)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.95	97.3	2.00	8.38	
Toluene*	<0.050	0.050	07/02/2025	ND	2.08	104	2.00	5.87	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.92	95.8	2.00	4.39	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.75	95.8	6.00	4.37	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

Applyzod By: 14

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07/01/2025

Analytical Results For:

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

Received: 07/01/2025 Reported:

07/03/2025 Sampling Type: Soil

Project Name: Project Number:

CUTBOW EAST CTB (01.01.2025) Sampling Condition: Cool & Intact 2694 Sample Received By: Alyssa Parras

Sampling Date:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 33 (1.0') (H253973-13)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	90.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.0	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

 07/01/2025
 Sampling Date:
 07/01/2025

 07/03/2025
 Sampling Type:
 Soil

Project Name: CUTBOW EAST CTB (01.01.2025)

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 34 (1.0') (H253973-14)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	90.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.4	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/01/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 35 (1.0') (H253973-15)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.2	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 07/01/2025 Reported:

07/03/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025)

Applyzod By: 14

Sampling Date:

Sample Received By:

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Soil Sampling Condition: Cool & Intact

Alyssa Parras

07/01/2025

Sample ID: CS - 36 (1.0') (H253973-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	97.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.6	% 40.6-15	3						

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with Sigh



Analytical Results For:

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

Received: 07/01/2025

Sampling Date: 07/01/2025

Reported: 07/03/2025
Project Name: CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil

Project Number: 2694

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 37 (1.0') (H253973-17)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.0	% 40.6-15	3						

Analyzed By: JH

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

Page 18 of 27



Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

07/03/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/01/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 38 (1.0') (H253973-18)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/01/2025 Reported: 07/03/2025

 07/01/2025
 Sampling Date:
 07/01/2025

 07/03/2025
 Sampling Type:
 Soil

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Type. Soil Sampling Condition: Cool & Intact

Sample Received By:

Alyssa Parras

Sample ID: CS - 39 (1.0') (H253973-19)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	89.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.8	% 40.6-15	3						

Applyzod By: 14

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

Page 20 of 27



Analytical Results For:

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

Received: 07/01/2025 07/03/2025 Sampling Date: 06/30/2025 Sampling Type:

Sample Received By:

Reported: Project Name:

Project Location:

CUTBOW EAST CTB (01.01.2025)

Soil Sampling Condition: Cool & Intact

Alyssa Parras

Project Number: 2694

CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 5 (3.0') (H253973-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	99.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.7	% 40.6-15	3						

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Alyssa Parras

Analytical Results For:

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

Received: 07/01/2025 Reported:

Sampling Date: 06/30/2025 07/03/2025 Sampling Type: Soil CUTBOW EAST CTB (01.01.2025) Sampling Condition: Cool & Intact

Sample Received By:

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 6 (1.0'-3.0') (H253973-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/01/2025 Reported:

07/03/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 06/30/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Alyssa Parras Sample Received By:

Sample ID: SW - 7 (3.0') (H253973-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.99	99.4	2.00	9.92	
Toluene*	<0.050	0.050	07/02/2025	ND	1.77	88.7	2.00	5.26	
Ethylbenzene*	<0.050	0.050	07/02/2025	ND	1.77	88.6	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/02/2025	ND	5.59	93.2	6.00	4.04	
Total BTEX	<0.300	0.300	07/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/02/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2025	ND	209	105	200	2.94	
DRO >C10-C28*	<10.0	10.0	07/02/2025	ND	205	102	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	07/02/2025	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.2	% 40.6-15	3						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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

Page 24 of 27

310 W Wall St Ste 500 Carmona Resources Ashton Thielke

> Bill to: (if different) Company Name:

600 N Marienfield St, Suite 600

State of Project:

Program: UST/PST PRP rownfields RC

perfund

Work Order Comments

Cimarex Energy Laci Luig

		of Custody
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	Nork Order No: H253973	
Pa	age 25	of 27

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				Comments:	CS-30 (1.0')	CS-29 (1.0")	CS-28 (1.0')	CS-27 (1.0")	CS-26 (1.0")	CS-25 (3.0')	CS-24 (3.0')	CS-23 (3.0')	CS-22 (3.0')	CS-21 (3.0")	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 43	City, State ZIP: M	
	1	6			0')	0")	0")	0")	0")	0')	0')	0')	0')	0')	ication		Yes	Yes	4				Lea		Cutbow	432-813-8988	Midland, TX 79701	
		ila	Relinquished		7/1/2025	7/1/2025	7/1/2025	7/1/2025	7/1/2025	6/30/2025	6/30/2025	6/30/2025	6/30/2025	6/30/2025	Date		No NIA	No N/A	Xes No	Temp Blank:		JDC	Lea County, New Mexico	2694	Cutbow East CTB (01.01.2025)		9701	
		1	Relinquished by: (Signature)										x		Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes (No			Mexico		1.01.2025)	-		
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					0	C	0	C	0	0	0	C	C	С	Water Comp	4.7:	けいけい	10,30	H/40	Yes No			72 hr.	√ Rush	Turn Around	Email: aci.luig@coterra.com & ashton.thielke@coterra.co	City, State ZIP:	
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			Date		×	×	×	×	×	×	×	×	×	×	ă S		В		802		•			de .		n & ash	Mid	
			Date/Time		×	×	×	×	×	·×	×	×	×	×	ТРН	801	5M (GR	0 +	DRO	+ M	RO)			ton.thie	Midland, TX 79701	
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		0			L																					terra.cc		
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		1													Sam	0H+Aso	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Pres			
		7.1.2	Da										8		ple Co	corbic Ac	+NaOH:	VaSO ₃	IABIS		-	_	-		ervativ	Other:	RRP	
		1.05/1803	Date/Time												Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes		Level IV	
		23		,											u	O					m	_	œ	H ₂ (S		<	

				omments:	SW-5 (3.0°)	CS-39 (1.9')	CS-38 (1.0')	CS-37 (1.0')	CS-36 (1.0")	CS-35 (1.0")	CS-34 (1.0')	CS-33 (1.0')	CS-32 (1.0')	CS-31 (1.0')	Sample Identification	otal Containers:	ample Custody Seals:	ooler Custody Seals:	eceived Intact:	AMPLE RECEIPT	0#	ampler's Name:	roject Location	roject Number:	roject Name:	hone: 4	ity, State ZIP: N		ompany Name:	roject Manager: A			
X	2	R			.0')	.0')	.0')	(.0')	(.0.)	.0")	.0')	(.0')	(.0.)	.0')	ification		Yes	Yes	1				Lea Co		. Cutbow.Ea	432-813-8988	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Ashton Thielke			
	200a	Relinquished by: (Signature)			6/30/2025	7/1/2025	7/1/2025	7/1/2025	7/1/2025	7/1/2025	7/1/2025	7/1/2025	7/1/2025	7/1/2025	Date		No N/A	NA	No	Slank:		JDC	Lea County, New Mexico	2694	Cutbow East CTB (01.01.2025)		01	te 500	rces				
)	y: (Signature)											E.		Time	Corrected Temperature:	Temperature Reading:	Correction Factor.	Thermometer ID:	Yes No			exico .)1.2025)								
					×	×	×	• ×	×	×	×	×	×	×	Soil	erature:	ading:	֖֖֖֭֭֓֞֞֜֝֟֓֓֓֟ ֓֓֞֞֓֞֓֓֓֞֓֓֞֓֓֞֞֓֓֓֞֓֞֓֓֞֓֞֓֞֓֞֓֓֞֓֓֞֓):	Wet Ice:			Due Date:	Routine	Turi	Emai							
			,		0	0	C	C	0	C	С	С	C	0	Water Comp	21-h	4.4.	touse	# 150	Yes No	- 1		72 hr.	√ Rush	Turn Around	Email: aci.luig@coterra.com & ashton.thielke@coterra.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)			0
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	1.95	Dat													Sample Comments	orbic Ac	NaOH:	aSO ₃	ABIS		z	I	×	D	Preservative Codes	Other:					2	C	
		Date/Time						*							nment	id: SAF	n n	7			NaOH: Na	HNO3: HN	МеОН: Ме	DI Water: H ₂ 0	Code		Level IV		perfund		of	5397	
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Chain of Custody

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Page 27 of 27

				Comments:					,) SW-7 (3.0")	SW-6 (1.0'-3.0')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:
			Z)									(3.0')	0'-3.0')	ntification		Yes	Yes	Yes				· Lea Co		Cutbow E	432-813-8988	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Ashton Thielke
	/	20	Relinquished by: (Signature)									6/30/2025	6/30/2025	Date	7	No WIA	No N/A	No	Temp Blank:		JDC	Lea County, New Mexico	2694	Cutbow East CTB (01.01.2025)		01	te 500	rces	
		7,	y: (Signature)											Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			exico		11.2025)					
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									+			0	С	Water Comp	コート	4.4%	+0,3c	#140	Yes No			72 hr.	√ Rush	Turn Around	Email: laci.luig@coterra.com & ashton.thielke@coterra.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)
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-		۲					N	•						Sample	1+Ascorb	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	4: H ₂	HC	Cool	NO	Preserv	Other:	RRP	1	□RC	nents
		1.95/1593	Date/Time											Sample Comments	NaOH+Ascorbic Acid: SAPC	HOE: Zn	03	S		NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes	. "	Level IV		perfund	
L		3			L																		20]		



July 09, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CUTBOW EAST CTB (01.01.2025)

Enclosed are the results of analyses for samples received by the laboratory on 07/03/25 15:34.

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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: CUTB Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 40 (1.0') (H254024-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.8	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/02/2025 Sampling Type: Soil

Project Name:

BTEX 8021B

CUTBOW EAST CTB (01.01.2025)

Sampling Condition: ** (See Notes)

Alyssa Parras

Project Number: 2694

Sample Received By:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 41 (1.0') (H254024-02)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.3	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keene



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 42 (1.0') (H254024-03)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.9	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keene



Analytical Results For:

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

Received: 07/03/2025 Reported:

Sampling Date: 07/02/2025 07/09/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Soil Sampling Condition: ** (See Notes)

Sample Received By:

Alyssa Parras

Sample ID: CS - 43 (1.0') (H254024-04)

BTEX 8021B

DILX OUZID	11197	ng .	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	99.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.7	% 40.6-15	3						

Analyzed By: JH

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Celeg D. Keene



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 44 (1.0') (H254024-05)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	99.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.6	% 40.6-15	3						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/02/2025 Sampling Type: Soil

Project Name:

BTEX 8021B

CUTBOW EAST CTB (01.01.2025)

2694

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Project Number:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 45 (1.0') (H254024-06)

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500CI-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	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.3	% 40.6-15	3						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

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

Received: 07/03/2025 Reported:

Sampling Date: 07/02/2025 07/09/2025 Sampling Type: Soil

Project Name: CUTBOW EAST CTB (01.01.2025) Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 46 (1.0') (H254024-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	101 %	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.4	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025

Sampling Date: 07/02/2025

Reported: 07/09/2025
Project Name: CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil

Project Number: 2694

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 47 (1.0') (H254024-08)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	M (I I I					
			Analyzea	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.3	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 Sampling Type: Sampling Condition:

Project Name: CUTBOW EAST CTB (01.01.2025) Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/02/2025

Sample Received By:

** (See Notes)

Soil

Alyssa Parras

Sample ID: CS - 48 (1.0') (H254024-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	101 %	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.7	% 40.6-15	3						

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07/02/2025

Alyssa Parras

Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Sampling Type: Soil
CUTBOW EAST CTB (01.01.2025) Sampling Condition: ** (See Notes)

Sampling Date:

Sample Received By:

Project Name: CUTE Project Number: 2694

BTEX 8021B

Project Location: CIMAREX - LEA CO, NEW MEXICO

87.4 %

40.6-153

Sample ID: CS - 49 (1.0') (H254024-10)

	91	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 71.5-13	4						
Chloride, SM4500CI-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	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	410 O	10.0	07/07/2025	ND	215	108	200	0.0979	
	<10.0	10.0	07/07/2023	ND	213	100	200	0.0373	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
DRO >C10-C28* EXT DRO >C28-C36									

Analyzed By: JH

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

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** (See Notes)

Alyssa Parras

Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

 07/03/2025
 Sampling Date:
 07/02/2025

 07/09/2025
 Sampling Type:
 Soil

Sampling Condition:

Sample Received By:

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

BTEX 8021B

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 50 (1.0') (H254024-11)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					

Analyzed By: JH

Surrogate: 1-Chlorooctane 99.7 % 44.4-145 Surrogate: 1-Chlorooctadecane 86.5 % 40.6-153

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

87.0 %

40.6-153

Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 51 (1.0') (H254024-12)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	400	10.0	07/07/2025	ND					
EXT DRO >C26-C30	<10.0	10.0	07/07/2025	ND					

Analyzed By: JH

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Sampling Type:

Analyzed By: JH

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025 Sampling Type: Soil

Sampling Condition:

Sample Received By:

** (See Notes) Alyssa Parras

Sample ID: CS - 52 (1.0') (H254024-13)

BTEX 8021B

DILX OUZID	11197	ng .	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
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	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	103 :	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.5	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

Sampling Date: 07/02/2025
Sampling Type: Soil

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 53 (1.0') (H254024-14)

BTEX 8021B

DILX OUZID	11197	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	< 0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.7	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 54 (1.0') (H254024-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	101 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.8	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 55 (1.0') (H254024-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.2	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/02/2025

Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 56 (1.0') (H254024-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	101 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.2	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/02/2025

Project Name: CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Project Number: 2694

Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 57 (1.0') (H254024-18)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.5	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/02/2025

Project Name:

Sampling Type: CUTBOW EAST CTB (01.01.2025)

Soil

Project Number:

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 58 (1.0') (H254024-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.94	96.9	2.00	2.59	
Toluene*	<0.050	0.050	07/07/2025	ND	2.01	100	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.99	99.5	2.00	1.09	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.88	98.0	6.00	1.40	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	100 %	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.0 9	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 59 (1.0') (H254024-20)

Result <0.050 <0.050 <0.050 <0.050 <0.150 <0.300	0.050 0.050 0.050 0.050 0.150 0.300	Analyzed 07/07/2025 07/07/2025 07/07/2025 07/07/2025 07/07/2025	Method Blank ND ND ND ND ND ND ND	BS 1.94 2.01 1.99 5.88	% Recovery 96.9 100 99.5 98.0	True Value QC 2.00 2.00 2.00 6.00	RPD 2.59 2.02 1.09 1.40	Qualifier
<0.050 <0.050 <0.150 <0.300	0.050 0.050 0.150 0.300	07/07/2025 07/07/2025 07/07/2025	ND ND ND	2.01 1.99	100 99.5	2.00 2.00	2.02 1.09	
<0.050 <0.150 <0.300	0.050 0.150 0.300	07/07/2025 07/07/2025	ND ND	1.99	99.5	2.00	1.09	
<0.150 <0.300	0.150 0.300	07/07/2025	ND					
<0.300	0.300			5.88	98.0	6.00	1.40	
		07/07/2025	ND				1.40	
95.8								
	% 71.5-13	4						
mg,	/kg	Analyze	d By: KH					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/07/2025	ND	215	108	200	0.0979	
<10.0	10.0	07/07/2025	ND	214	107	200	1.76	
<10.0	10.0	07/07/2025	ND					
102	% 44.4-14	5						
88.5	% 40.6-15	3						
	Result <16.0 mg/. Result <10.0 <10.0 <10.0	mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 44.4-14	95.8 % 71.5-134 mg/ky Analyzed Result Reporting Limit Analyzed <16.0 16.0 07/07/2025 mg/ky Analyzed <10.0 10.0 07/07/2025 <10.0 10.0 07/07/2025 <10.0 10.0 07/07/2025 <10.0 10.0 07/07/2025 <10.0 44.4-145	95.8 % 71.5-134 mg/ky Analyzed By: KH Result Reporting Limit Analyzed Method Blank <16.0 16.0 07/07/2025 ND mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0 10.0 07/07/2025 ND <10.0 10.0 07/07/2025 ND <10.0 10.0 07/07/2025 ND <10.0 10.0 07/07/2025 ND	95.8 % 71.5-134 mg/kg Analyzed By: KH Result Reporting Limit Analyzed Method Blank BS < Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	95.8 % 71.5-134 mg/ky Analyzed By: KH Result Reporting Limit Analyzed Method Blank BS % Recovery <16.0 16.0 07/07/2025 ND 416 104 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0 10.0 07/07/2025 ND 215 108 <10.0 10.0 07/07/2025 ND 214 107 <10.0 10.0 07/07/2025 ND	95.8 % 71.5-134 mg/kg Analyzed By: KH Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC < 16.0 07/07/2025 ND 416 104 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0 10.0 07/07/2025 ND 215 108 200	95.8 % 71.5-134 mg/kg Analyzed By: KH Result Reporting Limit Analyzed Nethod Blank BS % Recovery True Value QC RPD 416.0 104 400 0.00 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 410.0 10.0 07/07/2025 ND 215 108 200 0.0979 <10.0 10.0 07/07/2025 ND 214 107 200 1.76

Applyzod By: 14

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Alyssa Parras

Analytical Results For:

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

Received: 07/03/2025 Reported:

Sampling Date: 07/02/2025 07/09/2025 Sampling Type: Soil CUTBOW EAST CTB (01.01.2025) Sampling Condition: ** (See Notes)

Sample Received By:

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 60 (1.0') (H254024-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	98.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.3	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 61 (1.0') (H254024-22)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	96.7	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 62 (1.0') (H254024-23)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	97.3	% 40.6-15	3						

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Alyssa Parras

Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

 07/03/2025
 Sampling Date:
 07/02/2025

 07/09/2025
 Sampling Type:
 Soil

 CUTBOW EAST CTB (01.01.2025)
 Sampling Condition:
 ** (See Notes)

Sample Received By:

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 63 (1.0') (H254024-24)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	99.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	96.2	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/03/2025 Sampling Type: Soil

Project Name:

CUTBOW EAST CTB (01.01.2025)

** (See Notes)

Project Number:

2694

Sampling Condition: Sample Received By:

Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 64 (1.5') (H254024-25)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	15.3	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 9	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/03/2025 Sampling Type: Soil

Project Name: CUTE
Project Number: 2694

CUTBOW EAST CTB (01.01.2025) Sampling Condition: ** (See Notes)
2694 Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 65 (1.5') (H254024-26)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	22.4	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.0	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 66 (1.5') (H254024-27)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	18.1	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100 9	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 67 (1.5') (H254024-28)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.4	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition:

Sample Received By: Alyssa Parras

** (See Notes)

Sample ID: CS - 68 (1.5') (H254024-29)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	95.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.5	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025) Sampling Condition:

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Sample Received By:

** (See Notes) Alyssa Parras

Soil

Sample ID: CS - 69 (1.5') (H254024-30)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	92.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.1	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 70 (1.5') (H254024-31)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	< 0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	84.3	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 71 (1.5') (H254024-32)

Benzene*	BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Toluene* <0.050 0.050 07/07/2025 ND 1.84 91.8 2.00 5 Ethylbenzene* <0.050 0.050 07/07/2025 ND 1.85 92.6 2.00 5 Total Xylenes* <0.150 0.150 07/07/2025 ND 5.76 96.0 6.00 5 Total BTEX <0.300 0.300 07/07/2025 ND 5.76 96.0 6.00 5 **Total BTEX ** **Chloride, SM4500Cl-B*** **Analyte*** **Result** **Reporting Limit** **Analyzed** **Byly*** **Analyzed** **Method Blank** **BS** **Recovery** **True Value QC** **Recovery** **True Value QC** **Reporting Limit** **Analyzed** **PH 8015M** **Analyzed** **Result** **Result** **Reporting Limit** **Analyzed** **Method Blank** **BS** **Recovery** **True Value QC** **Recovery** **True Value QC**	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 07/07/2025 ND 1.85 92.6 2.00 5 Total Xylenes* <0.150 0.150 07/07/2025 ND 5.76 96.0 6.00 5 Total BTEX <0.300 0.300 07/07/2025 ND 5.76 96.0 6.00 5 **Surrogate: 4-Bromofluorobenzene (PID 109% 71.5-134 ** **Chloride, SM4500Cl-B mg/kg Analyzed By: KH **Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R **Chloride <16.0 16.0 07/07/2025 ND 416 104 400 0 **TPH 8015M mg/kg Analyzed By: MS** **Analyte Result Reporting Limit Analyzed By: MS** **Analyte Result Reporting Limit Analyzed By: MS** **Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R **GRO C6-C10** <10.0 10.0 07/07/2025 ND 194 96.9 200 1 **DRO >C10-C28** 10.7 10.0 07/07/2025 ND 217 108 200 1 EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND 217 108 200 1 **EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND 217 108 200 1 **EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND 217 108 200 1 **EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND 217 108 200 1 **EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND 217 108 200 1 **EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND 217 200 200 200 200 200 200 200 200 200 20	Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Total Xylenes* <0.150	Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Total BTEX	Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Surrogate: 4-Bromofluorobenzene (PID 109 % 71.5-134 Chloride, SM4500Cl-B mg/kg Analyzed By: KH Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R Chloride <16.0 16.0 07/07/2025 ND 416 104 400 0	Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Chloride, SM4500Cl-B mg/kg Analyzed By: KH Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R Chloride <16.0 16.0 07/07/2025 ND 416 104 400 0	Total BTEX	<0.300	0.300	07/07/2025	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R Chloride <16.0 16.0 07/07/2025 ND 416 104 400 0 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R GRO C6-C10* <10.0 10.0 07/07/2025 ND 194 96.9 200 1 DRO >C10-C28* 10.7 10.0 07/07/2025 ND 217 108 200 1 EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND Surrogate: 1-Chlorooctane 89.4 % 44.4-145	Surrogate: 4-Bromofluorobenzene (P.	ID 109	% 71.5-13	34						
Chloride <16.0 16.0 07/07/2025 ND 416 104 400 0 TPH 8015M mg/kg Analyzed By: MS MS Method Blank BS % Recovery True Value QC R GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KH					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC Recovery GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R GRO C6-C10* <10.0 10.0 07/07/2025 ND 194 96.9 200 1 DRO >C10-C28* 10.7 10.0 07/07/2025 ND 217 108 200 1 EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND Surrogate: 1-Chlorooctane 89.4 % 44.4-145	Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
GRO C6-C10* <10.0 10.0 07/07/2025 ND 194 96.9 200 1 DRO >C10-C28* 10.7 10.0 07/07/2025 ND 217 108 200 1 EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND Surrogate: 1-Chlorooctane 89.4% 44.4-145	TPH 8015M	mg	/kg	Analyze	ed By: MS					
DRO >C10-C28* 10.7 10.0 07/07/2025 ND 217 108 200 1 EXT DRO >C28-C36 <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 07/07/2025 ND Surrogate: 1-Chlorooctane 89.4 % 44.4-145	GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
Surrogate: 1-Chlorooctane 89.4 % 44.4-145	DRO >C10-C28*	10.7	10.0	07/07/2025	ND	217	108	200	1.23	
	EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153	Surrogate: 1-Chlorooctane	89.4	% 44.4-14	15						
	Surrogate: 1-Chlorooctadecane	84.3	% 40.6-15	53						

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Celey & Keens



07/03/2025

Alyssa Parras

Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Sampling Type: Soil
CUTBOW EAST CTB (01.01.2025) Sampling Condition: ** (See Notes)

Sampling Date:

Sample Received By:

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 72 (1.5') (H254024-33)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.7	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/03/2025

Project Name:

RTFY 8021R

CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Project Number: 2694

Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 73 (1.5') (H254024-34)

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit 0.050 0.050 0.050 0.150 0.300	Analyzed 07/07/2025 07/07/2025 07/07/2025 07/07/2025	Method Blank ND ND ND	BS 1.83 1.84 1.85	% Recovery 91.7 91.8	True Value QC 2.00 2.00	RPD 0.814 5.93	Qualifier
<0.050 <0.050 <0.150	0.050 0.050 0.150	07/07/2025	ND	1.84	91.8			
<0.050 <0.150	0.050 0.150	07/07/2025				2.00	5.93	
<0.150	0.150		ND	1.85				
		07/07/2025		1.00	92.6	2.00	5.12	
<0.300	0.300		ND	5.76	96.0	6.00	5.32	
		07/07/2025	ND					
111 9	% 71.5-13	4						
mg	/kg	Analyze	d By: KH					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
<10.0	10.0	07/07/2025	ND					
93.5	% 44.4-14	5						
	Result <16.0 mg Result <10.0 c	mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Result Reporting Limit <10.0	mg/kg Analyzed Result Reporting Limit Analyzed <16.0	mg/kg Analyzed By: KH Result Reporting Limit Analyzed Method Blank <16.0	mg/kg Analyzed By: KH Result Reporting Limit Analyzed Method Blank BS <16.0	mg/kg Analyzed By: KH Result Reporting Limit Analyzed Method Blank BS % Recovery <16.0	mg/ky Analyzed By: KH Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <16.0	mg/kg Analyzed By: KH Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <16.0

Applyzod By: 14

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Celey D. Keene



Analytical Results For:

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

Received: 07/03/2025 Reported:

Sampling Date: 07/03/2025 07/09/2025 Sampling Type: Soil

Project Name:

CUTBOW EAST CTB (01.01.2025) Sampling Condition: ** (See Notes) Project Number: 2694 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 74 (1.5') (H254024-35)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	97.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.6	% 40.6-15	3						

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Celeg D. Keine



07/03/2025

Alyssa Parras

Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Sampling Typ

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Sampling Date:

Project Name: CUTE Project Number: 2694

CUTBOW EAST CTB (01.01.2025) Sampling Condition: 2694 Sample Received By:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 75 (1.5') (H254024-36)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	87.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.4	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Samp CUTBOW EAST CTB (01.01.2025) Samp

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 76 (1.5') (H254024-37)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	96.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.7	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 77 (1.5') (H254024-38)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	97.7	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	91.7	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025

Sampling Date: 07/03/2025

Reported: 07/09/2025
Project Name: CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil

Project Number: 2694

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 78 (1.5') (H254024-39)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	10.9	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	92.6	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	89.9	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 S CUTBOW EAST CTB (01.01.2025) S

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 79 (1.5') (H254024-40)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.83	91.7	2.00	0.814	
Toluene*	<0.050	0.050	07/07/2025	ND	1.84	91.8	2.00	5.93	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.85	92.6	2.00	5.12	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	5.76	96.0	6.00	5.32	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	194	96.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	217	108	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	92.3	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	86.6	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 80 (1.5') (H254024-41)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	18.7	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	91.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.7	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 81 (1.5') (H254024-42)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	86.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.9	% 40.6-15	3						

Applyzod By: 14

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07/03/2025

Alyssa Parras

Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Sampling Type: Soil
CUTBOW EAST CTB (01.01.2025) Sampling Condition: ** (See Notes)

Sampling Date:

Sample Received By:

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 82 (1.5') (H254024-43)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	80.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 Sampling Type:

Project Name: CUTBOW EAST CTB (01.01.2025) Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 83 (1.5') (H254024-44)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-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	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	82.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.3	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 84 (1.5') (H254024-45)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.6	% 40.6-15	3						

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07/03/2025

Alyssa Parras

Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 Sampling Type: Soil CUTBOW EAST CTB (01.01.2025) Sampling Condition: ** (See Notes)

Sampling Date:

Sample Received By:

Project Number: 2694

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: CS - 85 (1.5') (H254024-46)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	14						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	73.6	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	70.3	% 40.6-15	:3						

Surrogate: 1-Chlorooctadecane 70.3 %

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 86 (1.5') (H254024-47)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-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	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	87.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.7	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025

Project Name: CUTBOW EAST CTB (01.01.2025)

2694 Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Sample ID: CS - 87 (1.5') (H254024-48)

Project Number:

RTFY 8021R

		кд	<u>-</u>	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.0	% 40.6-15.	3						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: CS - 88 (1.5') (H254024-49)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	80.6	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/02/2025 Sampling Type: Soil

Project Name:

RTFY 8021R

CUTBOW EAST CTB (01.01.2025)

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 8 (1.0') (H254024-50)

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	83.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 CUTBOW EAST CTB (01.01.2025)

Project Name: CUTE Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: SW - 9 (1.0') (H254024-51)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	81.2	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Sampling Type:

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/02/2025

mpling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: SW - 10 (1.0-1.5') (H254024-52)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	77.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.6	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/02/2025 Sampling Type:

Project Name:

CUTBOW EAST CTB (01.01.2025)

Soil

Project Number:

RTFY 8021R

2694

Sampling Condition: ** (See Notes) Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 11 (1.0') (H254024-53)

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	84.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.1	% 40.6-15	3						

Applyzod By: 14

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07/02/2025

** (See Notes)

Alyssa Parras

Soil

Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Sampling Type:
CUTBOW EAST CTB (01.01.2025) Sampling Condition:

Applyzod By: 14

Sampling Date:

Sample Received By:

Project Number: 2694

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 12 (1.0') (H254024-54)

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	84.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.0	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

 07/03/2025
 Sampling Date:
 07/02/2025

 07/09/2025
 Sampling Type:
 Soil

Project Name: CUTBOW EA Project Number: 2694

CUTBOW EAST CTB (01.01.2025) Sampling Condition: ** (See Notes)
2694 Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 13 (1.0') (H254024-55)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/07/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	88.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.9	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By:

Alyssa Parras

Sample ID: SW - 14 (1.0') (H254024-56)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
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	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	84.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.8	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: SW - 15 (1.0') (H254024-57)

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit 0.050 0.050 0.050 0.150	Analyzed 07/07/2025 07/07/2025 07/07/2025	Method Blank ND ND ND	BS 2.07 1.98	% Recovery 104 99.2	True Value QC 2.00 2.00	RPD 1.47 0.719	Qualifier
<0.050 <0.050 <0.150	0.050 0.050	07/07/2025	ND					
<0.050 <0.150	0.050			1.98	99.2	2.00	0.719	
<0.150		07/07/2025	ND				0.719	
	0.150		112	1.94	97.1	2.00	5.21	
<0.300		07/07/2025	ND	6.07	101	6.00	5.24	
10.300	0.300	07/07/2025	ND					
105	% 71.5-13	4						
mg,	/kg	Analyze	d By: KH					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	07/07/2025	ND	416	104	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
<10.0	10.0	07/07/2025	ND					
83.6	% 44.4-14	5						
81.4	% 40.6-15	3						
	Result 32.0 mg/ Result <10.0 <10.0 <10.0	<0.300 105 % 71.5-13 mg/ky Result Reporting Limit 32.0 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <83.6 % 44.4-14	IO5 % 71.5-134 mg/kg 71.5-134 Result Reporting Limit Analyzed 32.0 16.0 07/07/2025 mg/kg Analyzed Result Reporting Limit Analyzed < 10.0 10.0 07/07/2025 < 10.0 10.0 07/07/2025 < 10.0 10.0 07/07/2025 < 10.0 10.0 07/07/2025 < 10.0 44.4-145	<0.300 07/07/2025 ND 105 % 71.5-134 Method Blank Result Reporting Limit Analyzed Method Blank 32.0 16.0 07/07/2025 ND Method Blank Result Reporting Limit Analyzed Method Blank <10.0 10.0 07/07/2025 ND	<0.300 07/07/2025 ND 105 % 71.5-134 mg/ky Analyzed By: KH Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	< 0.300 07/07/2025 ND 105 % 71.5-134 mg/ky Analyzed By: KH Result Reporting Limit Analyzed By: MS % Recovery Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	< 0.300 07/07/2025 ND 105 % 71.5-134 mg/kg Analyzed By: KH Result Reporting Limit Analyzed By: MS % Recovery True Value QC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	< 0.300 07/07/2025 ND 105 % 71.5-134 mg/kg Analyzed By: KH Result Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC True Value QC RPD Analyzed By: MS Result Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0 10.0 07/07/2025 ND 218 109 200 2.39

Applyzod By: 14

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/03/2025

Reported: 07/09/2025
Project Name: CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil

Project Number: 2694

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 16 (1.0') (H254024-58)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	84.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.2	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

CUTBOW EAST CTB (01.01.2025)

Project Number: 2694

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/03/2025

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Sample ID: SW - 17 (1.5') (H254024-59)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	74.3	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	71.5	% 40.6-15	3						

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Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/03/2025 Sampling Type: Soil

Project Name: CUTBOW EAST CTB (01.01.2025)
Project Number: 2694

Sampling Condition: ** (See Notes)
Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 18 (1.5') (H254024-60)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.07	104	2.00	1.47	
Toluene*	<0.050	0.050	07/07/2025	ND	1.98	99.2	2.00	0.719	
Ethylbenzene*	< 0.050	0.050	07/07/2025	ND	1.94	97.1	2.00	5.21	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.07	101	6.00	5.24	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	218	109	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	221	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	89.2	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received: 07/03/2025 Reported:

07/09/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025) Sampling Condition:

Project Name: Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO Sampling Date: 07/03/2025 Soil

Sample Received By:

** (See Notes) Alyssa Parras

Sample ID: SW - 19 (1.5') (H254024-61)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.99	99.6	2.00	0.653	
Toluene*	<0.050	0.050	07/07/2025	ND	2.02	101	2.00	1.78	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	2.03	102	2.00	0.351	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.26	104	6.00	0.794	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	198	98.9	200	5.05	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	190	94.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	85.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.4	% 40.6-15	3						

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07/03/2025

** (See Notes)

Alyssa Parras

Soil

Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025

07/09/2025 Sampling Type: CUTBOW EAST CTB (01.01.2025) Sampling Condition:

Sampling Date:

Sample Received By:

Project Number: 2694

Project Name:

Project Location: CIMAREX - LEA CO, NEW MEXICO

74.2 %

40.6-153

Sample ID: SW - 20 (1.5') (H254024-62)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.99	99.6	2.00	0.653	
Toluene*	<0.050	0.050	07/07/2025	ND	2.02	101	2.00	1.78	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	2.03	102	2.00	0.351	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.26	104	6.00	0.794	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	198	98.9	200	5.05	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	190	94.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.4-14	5						

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Surrogate: 1-Chlorooctadecane

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/03/2025

Sampling Date: 07/03/2025

Reported: 07/09/2025
Project Name: CUTBOW EAST CTB (01.01.2025)

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Project Number: 2694

Sample Received By: Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 21 (1.5') (H254024-63)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	07/07/2025	ND	1.99	99.6	2.00	0.653	
<0.050	0.050	07/07/2025	ND	2.02	101	2.00	1.78	
<0.050	0.050	07/07/2025	ND	2.03	102	2.00	0.351	
<0.150	0.150	07/07/2025	ND	6.26	104	6.00	0.794	
<0.300	0.300	07/07/2025	ND					
115 9	71.5-13	4						
mg/	'kg	Analyze	d By: KH					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/07/2025	ND	198	98.9	200	5.05	
<10.0	10.0	07/07/2025	ND	190	94.9	200	2.81	
<10.0	10.0	07/07/2025	ND					
76.9	% 44.4-14	5						
71.1	% 40.6-15	3						
	<0.050 <0.050 <0.050 <0.150 <0.300 115 9 mg/ Result <16.0 mg/ Result <10.0 <10.0 <76.9 9	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 115 % 71.5-13 mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 44.4-14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

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

Received: 07/03/2025 Reported: 07/09/2025 Sampling Date: 07/03/2025 Sampling Type: Soil

Project Name:

CUTBOW EAST CTB (01.01.2025)

Sampling Condition: ** (See Notes)

Project Number: 2694 Sample Received By:

Alyssa Parras

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sample ID: SW - 22 (1.5') (H254024-64)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	1.99	99.6	2.00	0.653	
Toluene*	<0.050	0.050	07/07/2025	ND	2.02	101	2.00	1.78	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	2.03	102	2.00	0.351	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.26	104	6.00	0.794	
Total BTEX	<0.300	0.300	07/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/07/2025	ND	198	98.9	200	5.05	
DRO >C10-C28*	<10.0	10.0	07/07/2025	ND	190	94.9	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/07/2025	ND					
Surrogate: 1-Chlorooctane	85.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.6	% 40.6-15	3						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

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			×	×	×	_	C	×		7/2/2025	0')	CS-43 (1.0")	L
			×	+	×	_	C	×		7/2/2025	0')	CS-42 (1.0')	W
			×	×	×	1	0	×		7/2/2025	0')	CS-41 (1.0")	U
			×	×	×	1	0	×		7/2/2025	0,	CS-40 (1.0")	
Sample Comments		3		TPI		# of	Water Comp	Soil	Time	Date	ication	Sample Identification	
NaOH+Ascorbic Acid: SAPC				1 801			7.82	ature:	Corrected Temperature:			Total Containers:	otal C
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H ₂ SO ₄ : H ₂ NaOH: Na			500	DRO	1B	neter	(es) No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT	SAM
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☐ ADaPT ☐ Other	Deliverables: EDD	om	@coterra.c	thielke	& ashton	ra.com 8	laci.luig@coterra.com & ashton.thielke@coterra.com	Email:			432-813-8988		Phone:
I □Level III □\ST/UST □RRP □Level IV	Reporting:Level II Level III		9701	d, TX 7	Midland, TX 79701		City, State ZIP:			701	Midland, TX 79701	ate ZIP:	City, S
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Page 1 of 7		,	,										
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Work Order No: 4254034	,												
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7-3-05/153	Date/Time			7		5.								Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO.: NARIS		H-SO.: H- NaOH: Na	HCI - HC HNO - HN		None: NO DI Water	Preservative Codes	Other:	JST □RRP □Level IV		fields ☐kRC ☐perfund	omments	Page2 of

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					nents				,	J\	-	S	D	-	Sam	otal Containers:	ample Custody Seals:	Cooler Custody Seals:	eceived Intact	SAMPLE RECEIPT	#	Sampler's Name:	Project Location	Project Number	Project Name:	ine:	City, State ZIP:	Address:	Company Name:	Project Manager:				
					CS-69 (1.5')	CS-68 (1.5')	CS-67 (1.5')	CS-66 (1.5')	CS-65 (1.5')	CS-64 (1.5')	CS-63 (1.0')	CS-62 (1.0')	CS-61 (1.0")	CS-60 (1.0')	Sample Identification	ners:	tody Sea	ody Seal	act	RECE		ame:	tion	ber:	ie:		IP.		ame:	ager:				
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		000	N.K	Date/Time											Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	SO ₃	BIS		 N	I VIC	M S	D	Preservative Codes	77	_				₃ 		loa	
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•		+	\dashv	- -	С	•	×		7/3/2025	.5')	CS-76 (1.5")	3
		+	+	_	C		×		7/3/2025	.5')	CS-75 (1.5')	8
		+	+	-	C		×		7/3/2025	.5')	CS-74 (1.5')	K
		×	×	_	C		×		7/3/2025	1.5')	CS-73 (1.5')	2
		+	+	_	С		×		7/3/2025	1.5')	CS-72 (1.5')	33
		+	\dashv	_	С		×		7/3/2025	1.5')	CS-71 (1.5')	B
		×	×	_	С		×		7/3/2025	1.5')	CS-70 (1.5')	W
Sample Comments	•	i i i	TDI	# of Cont	Grab/ Comp	Water	Soil	Time	Date	ification	Sample Identification	
NaOH+Ascorbic Acid: SAPC		1 001	1 801		000	7	rature:	Corrected Temperature:			otal Containers:	I otal C
Zn Acetate+NaOH: Zn		_			9,	6	iding:	Temperature Reading:	NO N/A	s: Yes	Sample Custody Seals:	Sample
Hol Na.S.O.: NaSO.				Pa	3.0	to 3		Correction Factor:	N/A		Cooler Custody Seals:	Cooler
		de 45	802	aran	# HO	#		Thermometer ID:			Received Intact:	Receiv
H BO HB		DRO 600		neter	No No	Yes	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT	SAME
		+ MF		s								PO#
<u>u</u>		(0)	201		12 111.		במס בימוני.		JDC		Sampler's Name:	Sample
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July 16, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CUTBOW EAST CTB (01.01.2025)

Enclosed are the results of analyses for samples received by the laboratory on 07/14/25 13:50.

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 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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/14/2025 Reported: 07/16/2025

CUTBOW EAST CTB (01.01.2025)

Project Name: CUTBO Project Number: 2694

Project Location: CIMAREX - LEA CO, NEW MEXICO

Sampling Date: 07/14/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BACKFILL SAMPLE (H254171-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2025	ND	1.79	89.5	2.00	4.85	
Toluene*	<0.050	0.050	07/15/2025	ND	2.07	104	2.00	3.94	
Ethylbenzene*	<0.050	0.050	07/15/2025	ND	2.09	105	2.00	1.91	
Total Xylenes*	<0.150	0.150	07/15/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	07/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2025	ND	210	105	200	1.63	
DRO >C10-C28*	47.3	10.0	07/15/2025	ND	190	94.9	200	0.0332	
EXT DRO >C28-C36	15.7	10.0	07/15/2025	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108 9	% 40.6-15	3						

A I J D. ... 711

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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

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Sample Comments					3					ТР	# of Cont	Grab/ #	Water Co	Soil	Time	Date	ification	Sample Identification
NAONTASCOIDIC ACID. SAFC	Nac									н 80			1.60	ature:	Corrected Temperature:			Total Containers:
VIDOUT ACEIGIET NAOCH. ZII	V 117			_			-		c				120	ing:	Temperature Reading:	No N/A	Yes	Sample Custody Seals:
Na20203. NaoU3									hlor				0,30	1	Correction Factor:	No N/A	Yes	Cooler Custody Seals:
NaHSO4: NABIS	Hold			_			_		ide	_			4140	4	Thermometer ID:	No	Yes	Received Intact:
H ₃ PO ₄ : HP									4500	+ DR	met 21B		Yes No	Wet Ice:	Yes No.	Temp Blank:		SAMPLE RECEIPT
H ₂ SU ₄ : H ₂ NaUH: Na	H ₂ S			_						0+1	ers							PO#
	HCL: HC					4				MRC						KR		Sampler's Name:
<u> </u>	Coo				_		_	•		0)			48 hr.	Due Date:		Lea County, New Mexico	Lea C	Project Location
	Non	T	\perp	+			+			+	Code		Rush	Routine		2694		Project Number:
ervati	-			TS	ANALYSIS REQUEST	LYSIS	ANA			•			ound .	Turn Around	1.2025)	Cutbow East CTB (01.01.2025)	Cutbow E	Project Name:
Cuigi.	ADari		S. EUL	Deliverables: EDD	L		3	terra.co	lke@co	ton.thie	m & ash	terra.co	Email: aci.luig@coterra.com & ashton.thielke@coterra.com	Email: la			432-813-8988	
, Level IA		Level	LEVEL II	Reporting.Level III Level III	1 7		,		79701	Midland, TX 79701	Mid		City, State ZIP:	Ci		701	Midland, TX 79701	City, State ZIP: N
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s kkc periuna	Program: USI/PSI LPRP Lirownfields		DSI/PS	rogram:	0 0				ergy	Cimarex Energy	Cim	ne:	Company Name:	S		ırces	Carmona Resources	Company Name:
	Notice Some									Laci Luig	Lac	nt)	Bill to: (if different)	8			Ashton Thielke	Project Manager: A
	Work Order Comments	Work									3			2				
Page 1 of 1 Pa	P																	
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APPENDIX F

CARMONA RESOURCES



Liner Integrity Certification

The following serves to verify that the affected liner has been inspected and found to be in serviceable condition in accordance with 19.15.29.11 A.(5)(a)(i-ii) of the New Mexico Administrative Code.

Facility ID: fAPP2331147143

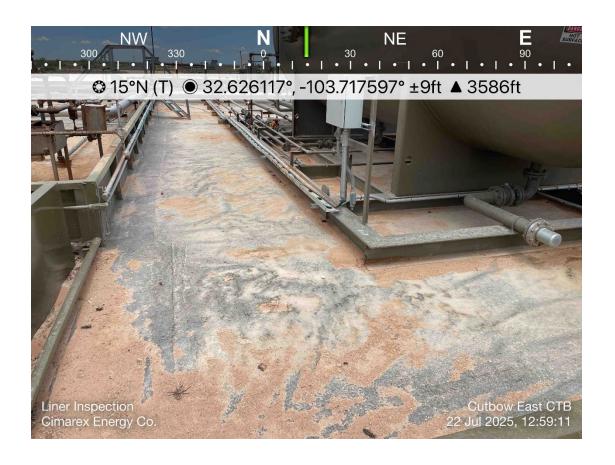
Date: 07/22/2025

Incident ID(s): NAPP2500253232

- ☑ Responsible Party has visually inspected the liner.
- ☑ Liner remains intact and was able to contain the leak in question.
- ✓ At least two business days' notice was given to the appropriate division district office before conducting the liner inspection.
- ☑ Photographs illustrating liner integrity are included.

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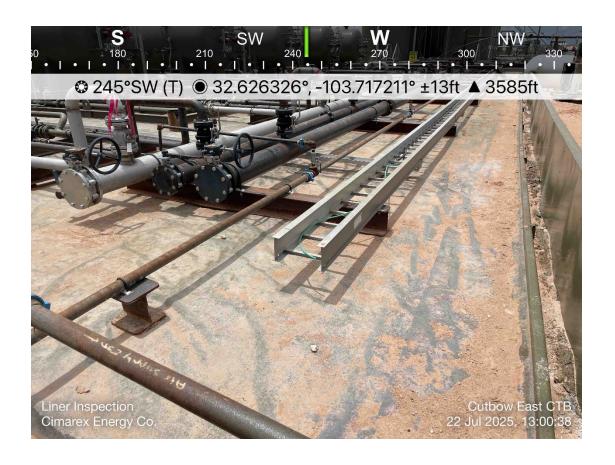


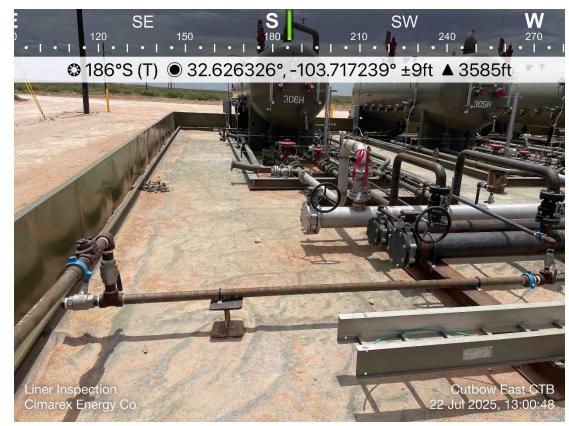
















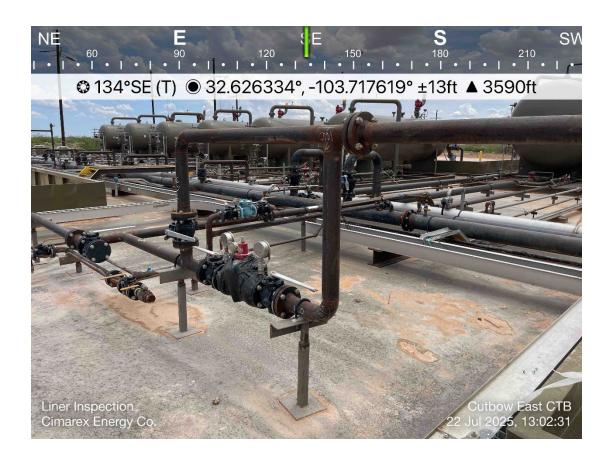














Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 487622

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	487622
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500253232
Incident Name	NAPP2500253232 CUTBOW EAST CTB @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2331147143] CUTBOW EAST CTB 1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Cutbow East CTB
Date Release Discovered	01/01/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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 fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Gasket Crude Oil Released: 18 BBL Recovered: 0 BBL Lost: 18 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Liquids released from heater treater gasket "misted" the surface soil, approximately 50 feet. Soil scraped, removed; new material will be brought in.

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

QUESTIONS, Page 2

Action 487622

QUESTI	IONS (continued)
Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396 Action Number: 487622
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 s	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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 07/22/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 487622

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	487622
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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 ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 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	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 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	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions th	at apply or are indicated. This information must be provided to t	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 de	monstrating 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 vertica	l extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling	: (Provide the highest observable value for each, in mill	ligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	288
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	83.4
GRO+DRO	(EPA SW-846 Method 8015M)	83.4
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	IMAC unless the site characterization report includes completed elines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will	Il the remediation commence	06/24/2025
On what date will (or did) the	ne final sampling or liner inspection occur	06/27/2025
On what date will (or was) the remediation complete(d) 07/03		07/03/2025
What is the estimated surfa	ce area (in square feet) that will be reclaimed	19500
What is the estimated volur	me (in cubic yards) that will be reclaimed	1450
What is the estimated surfa	ce area (in square feet) that will be remediated	26616
What is the estimated volur	ne (in cubic yards) that will be remediated	2632
These estimated dates and measur	rements 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.

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 4

Action 487622

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	487622
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	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: Ashton Thielke
Title: EHS Specialist
Email: Ashton.Thielke@coterra.com

Date: 07/22/2025

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

QUESTIONS, Page 5

Action 487622

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	487622
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 487622

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	487622
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	481371
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/07/2025
What was the (estimated) number of samples that were to be gathered	125
What was the sampling surface area in square feet	37900

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	26616	
What was the total volume (cubic yards) remediated	2632	
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	19500	
What was the total volume (in cubic yards) reclaimed	1450	
Summarize any additional remediation activities not included by answers (above)	All impacted soil was removed from the site. Following the excavation, composite confirmation floor samples and horizontal delineation samples were collected to ensure all impact was removed. The area was backfilled with clean material. The remediated areas in the pasture were then reclaimed and reseeded.	

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.

Name: Ashton Thielke
Title: EHS Specialist
Email: Ashton.Thielke@coterra.com
Date: 07/22/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 487622

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd Midland, TX 79706	Action Number: 487622
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 487622

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	487622
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created	By Condition	Condition Date
scwe	Remediation closure approved. Note that for future releases at this site, the minimum distance to the following should be updated: a continuously flowing watercourse or any other significant watercourse is 1000 ft-1/2 mile to NE is an aqueduct, as shown on Figure 2 of report.	7/24/2025