



SITE INFORMATION

Closure Report

Sandra Jean 23 Federal Com 505H (06.09.2025)

Incident ID: NAPP2516072306

Lea County, New Mexico

Unit N, Sec 23, T20S, R33E

32.551807°, -103.636151°

Produced Water and Crude Oil Release

Point of Release: 3/8 Inch Flex Line Failed

Release Date: 06.09.2025

Volume Released: 20 Barrels of Crude Oil and 49 Barrels of Produced Water

Volume Recovered: 20 Barrels of Crude Oil and 40 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:

Coterra Energy Operating Co.

6001 Deauville Blvd.

Suite 300N

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October 2, 2025

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

Re: **Closure Report**
Sandra Jean 23 Federal Com 505H (06.09.2025)
Incident ID: NAPP2516072306
Coterra Energy Operating Co.
Site Location: Unit N, S23, T20S, R33E
32.551807°, -103.636151°
Lea County, New Mexico

To whom it may concern:

At the request of Coterra Energy Operating Co. (Coterra, formerly Avant Operating, LLC), Carmona Resources LLC has prepared this letter to document the site remediation conducted at the Sandra Jean 23 Federal Com 505H located at 32.551807°, -103.636151° within Unit N, S23, T20S, R33E in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 9, 2025, due to a casing line not having a check valve in place, allowing fluid to flow back through to a 3/8 inch flex line causing it to fail and release onto the well pad and into a well cellar. It resulted in approximately twenty (20) barrels of crude oil and forty-nine (49) barrels of produced water being released onto the well pad and into the 705H wellhead cellar. Twenty (20) barrels of crude oil and forty (40) barrels of produced water were recovered. The release area is approximately 20,654 square feet (sq ft). The spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 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 approximately 0.33 miles East of the site in S23, T20S, R33E, and was drilled on August 21, 2025. The GWDB was drilled to 105 feet below ground surface (ft bgs) and showed no evidence of groundwater when it was gauged on August 24, 2025. 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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 20,000 mg/kg.



4.0 Remediation Activities

Variance Request

Prior to remediation beginning onsite, a sampling variance was requested on August 15, 2025, to increase the composite confirmation sampling frequency from 200 sq ft to 400 sq ft. An extension request was also submitted during this time due to delays with regulatory agencies reviewing and approving the drilling of a GWDB nearby. An approval was received for the sampling variance as well as the extension request on August 27, 2025. Appendix C contains the sampling variance and extension request.

Remediation Activities

Beginning on August 25, 2025, Carmona Resources personnel were 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 August 22, 2025, and September 19, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of concern was excavated to a depth ranging from 0.5 to 0.75 ft bgs. A total of fifty-two (52) confirmation floor samples (CS-1 through CS-52) were collected every 400 square feet to ensure the proper removal of the contaminated soils. Due to the excavation depth being less than or equal to 0.75 feet in depth, composite confirmation sidewall samples were not collected. In place of composite confirmation sidewall samples, a total of ten (10) horizontal grab samples (H-1 through H-10) were collected to ensure proper horizontal delineation was achieved for this remediation area. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico, and Eurofins Laboratories in Midland, Texas, in accordance with established chain-of-custody protocols. All collected samples were analyzed for total petroleum hydrocarbons (TPH) analysis by EPA method 8015 modified, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, and Chloride by EPA method 4500 and 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Before the excavation was backfilled, a composite sample of the backfill material was collected on September 29, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from Constructors Inc. in Hobbs, New Mexico. Refer to Table 1. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 20,654 sq ft of contamination was remediated, resulting in 442 cubic yards of material being excavated and transported offsite for proper disposal.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and Chloride. Refer to Table 1. The excavation depths and confirmation sample locations are shown in Figure 3.

5.0 Liner Inspection Activities

Before conducting the liner inspection, Coterra contractors removed all freestanding fluids within the 505H cellar and thoroughly cleaned the containment and wellhead. Prior to conducting the liner inspection, the NMOCD division office was notified via NMOCD portal on August 22, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix B for the NMOCD correspondence prior to performing the liner inspection. On August 27, 2025, Carmona Resources conducted liner inspection activities and confirmed that the cellar was intact with no integrity issues. Refer to the Photolog in Appendix B. See Appendix C for the Liner Integrity Certification.



6.0 Conclusions

Based on the analytical data from the remediation, and the liner inspection within the cellar, no further actions are required at the site. Coterra formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,
Carmona Resources, LLC

Ashton Thielke
Environmental Manager

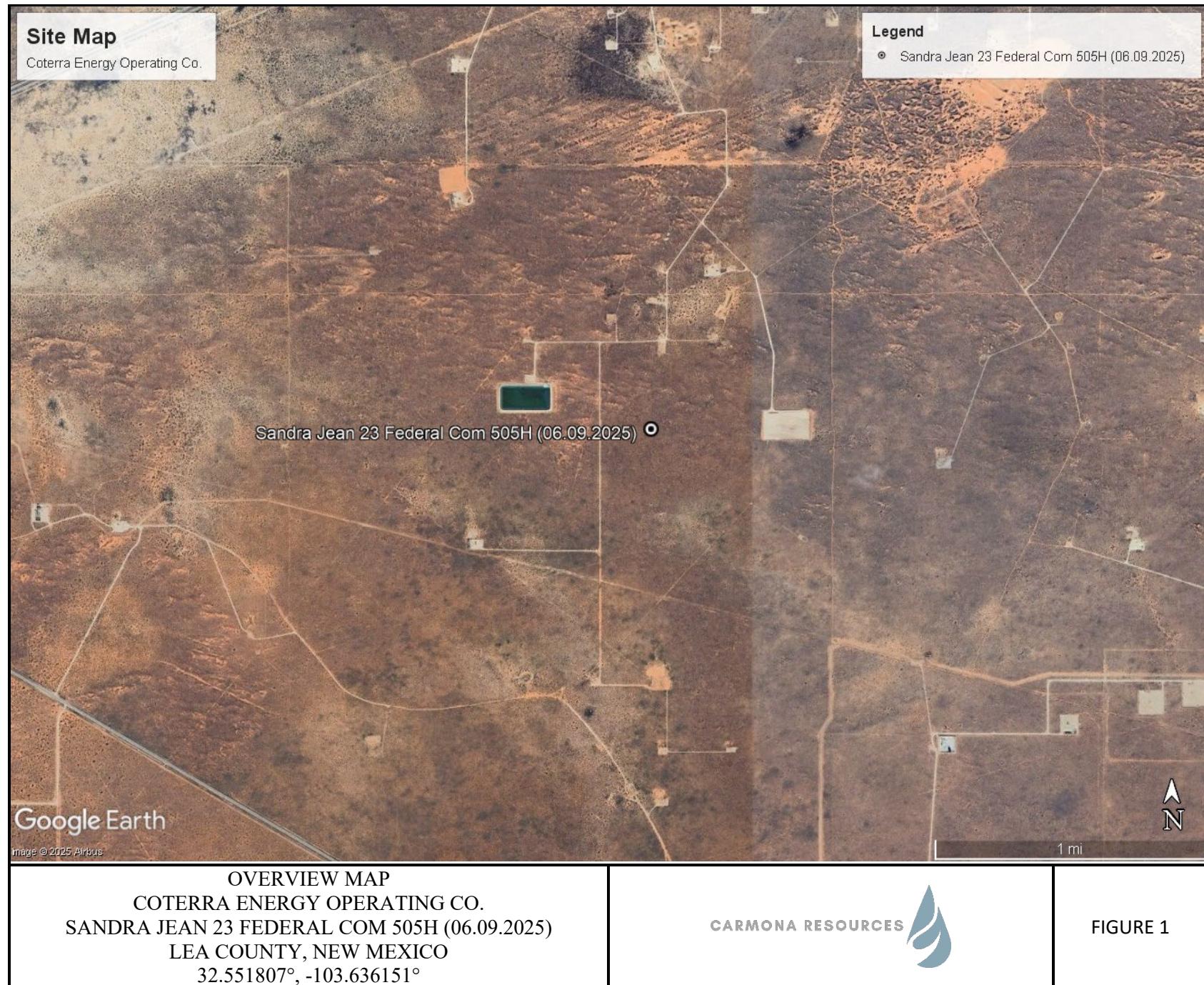
Riley Plogger
Project Manager

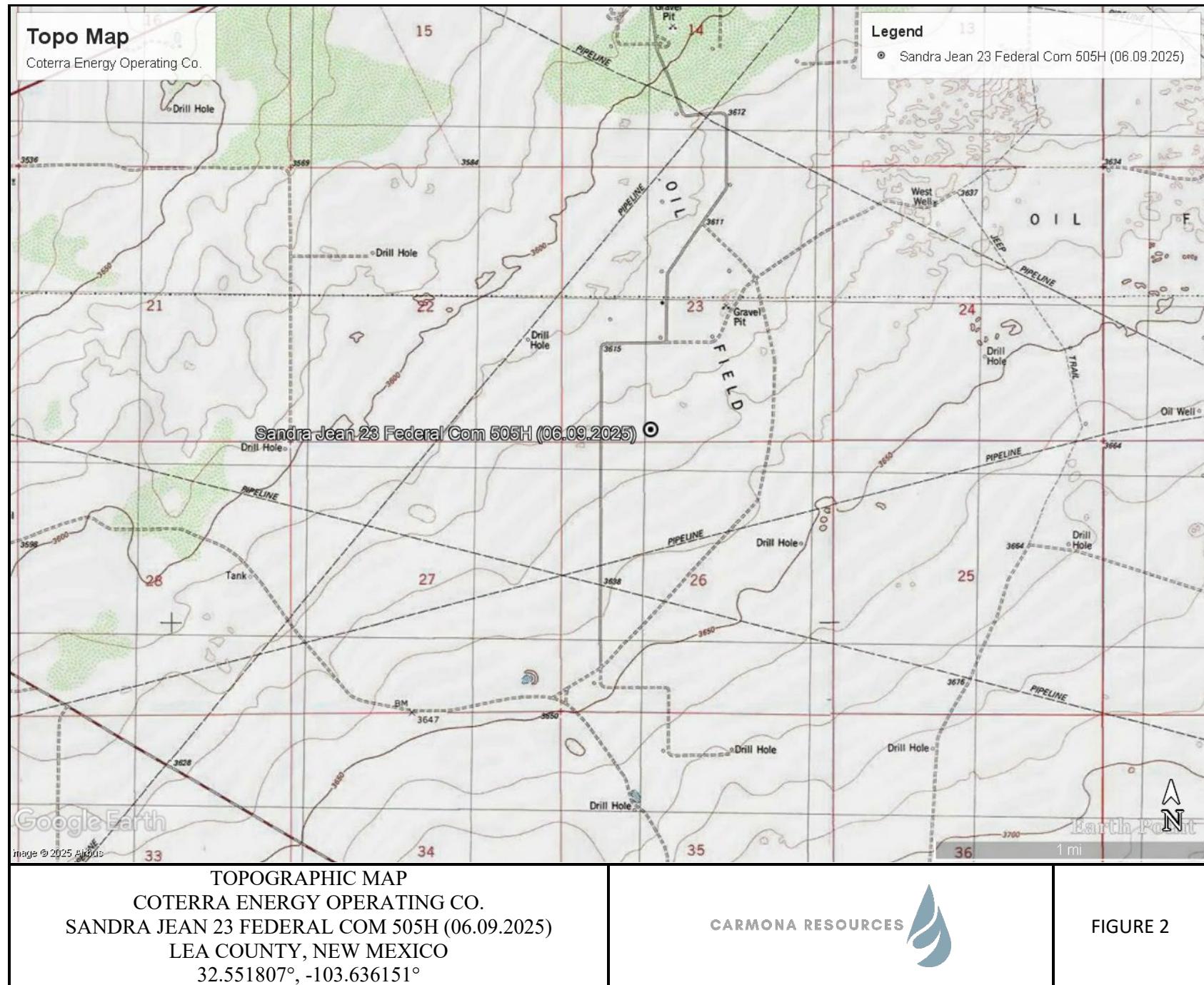
Gilbert Priego
Project Manager

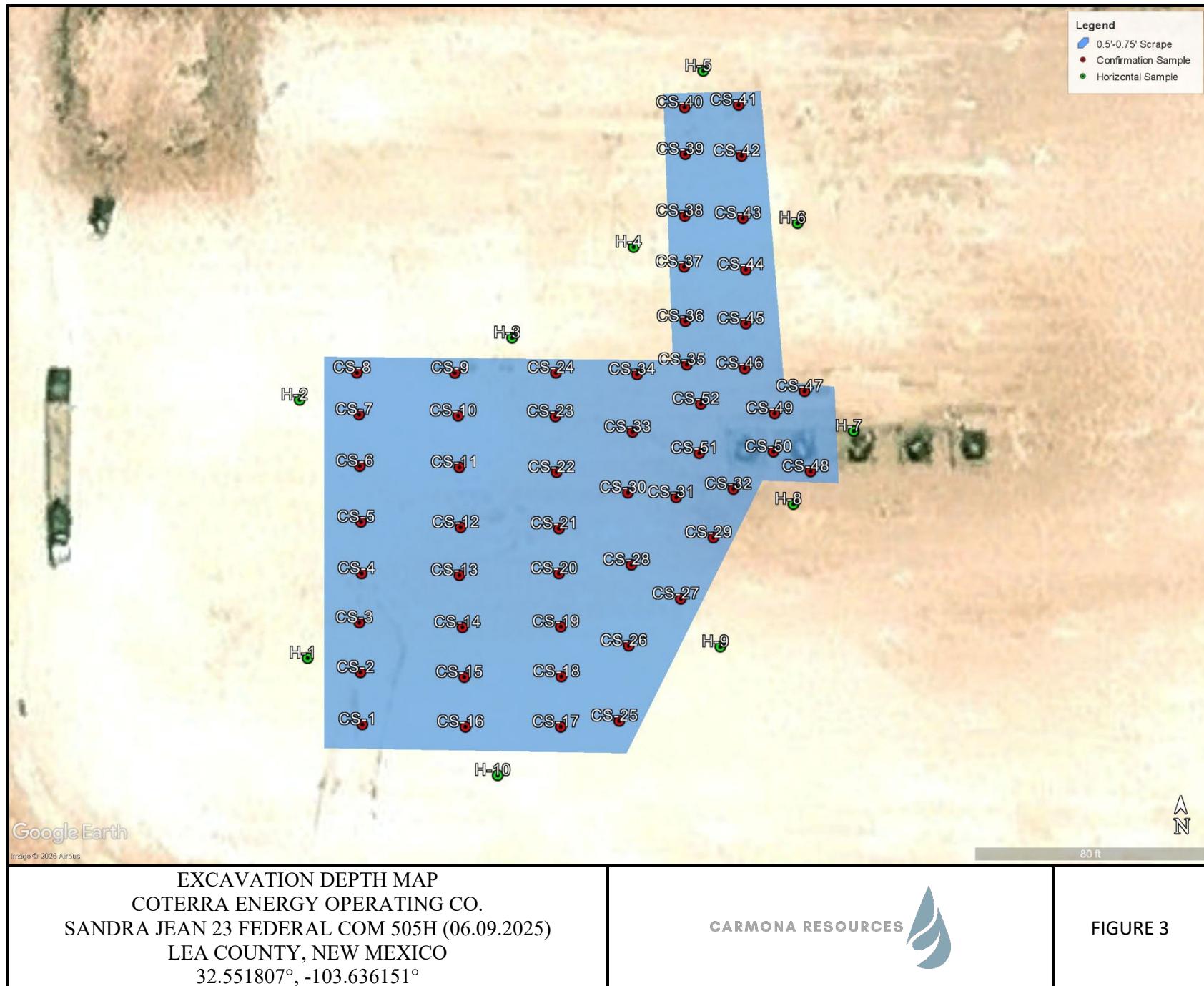
FIGURES

CARMONA RESOURCES











APPENDIX A

CARMONA RESOURCES



Table 1
 Coterra Energy Operating Co.
 Sandra Jean 23 Federal Com 505H (06.09.2025)
 Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene | Toluene | Ethylbenzene | Xylene | Total BTEX | Chloride |
|--|-----------|------------|-------------|-------|-------|-------------|----------|---------|--------------|----------|--------------|----------|
| | | | GRO | DRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| CS-1 | 8/27/2025 | 0.5' | <10.0 | 22.6 | 10.4 | 33.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 14,100 |
| CS-2 | 8/27/2025 | 0.5' | <10.0 | 22.1 | 10.2 | 32.3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 15,200 |
| CS-3 | 8/27/2025 | 0.5' | <10.0 | 15.4 | <10.0 | 15.4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 13,300 |
| CS-4 | 8/27/2025 | 0.5' | <10.0 | 17.3 | <10.0 | 17.3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 12,300 |
| CS-5 | 8/27/2025 | 0.5' | <10.0 | 14.8 | <10.0 | 14.8 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 12,900 |
| CS-6 | 8/27/2025 | 0.5' | <10.0 | 14.0 | <10.0 | 14.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 13,900 |
| CS-7 | 8/27/2025 | 0.5' | <10.0 | 15.7 | <10.0 | 15.7 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 13,600 |
| CS-8 | 8/27/2025 | 0.5' | <10.0 | 17.1 | <10.0 | 17.1 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 14,000 |
| CS-9 | 8/27/2025 | 0.5' | <10.0 | 15.0 | <10.0 | 15.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 14,000 |
| CS-10 | 8/27/2025 | 0.5' | <10.0 | 17.4 | <10.0 | 17.4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 13,200 |
| CS-11 | 8/27/2025 | 0.5' | <10.0 | 17.4 | <10.0 | 17.4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 13,500 |
| CS-12 | 8/27/2025 | 0.5' | <10.0 | 22.0 | 10.0 | 32.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 12,800 |
| CS-13 | 8/27/2025 | 0.5' | <10.0 | 16.8 | <10.0 | 16.8 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 11,300 |
| CS-14 | 8/27/2025 | 0.5' | <10.0 | 11.6 | <10.0 | 11.6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 11,300 |
| CS-15 | 8/27/2025 | 0.5' | <10.0 | 11.7 | <10.0 | 11.7 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 12,500 |
| CS-16 | 8/27/2025 | 0.5' | <10.0 | 10.9 | <10.0 | 10.9 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 11,900 |
| CS-17 | 8/27/2025 | 0.5' | <10.0 | 11.5 | <10.0 | 11.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 12,300 |
| CS-18 | 8/27/2025 | 0.5' | <10.0 | 16.6 | <10.0 | 16.6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 11,500 |
| CS-19 | 8/27/2025 | 0.5' | <10.0 | 3,210 | 43.1 | 3,253 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,580 |
| | 9/23/2025 | 0.75' | <10.0 | 57.5 | 18.6 | 76.1 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,800 |
| CS-20 | 8/27/2025 | 0.5' | <10.0 | 4,110 | 44.4 | 4,154 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,790 |
| | 9/23/2025 | 0.75' | <10.0 | 61.5 | 25.9 | 87.4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,440 |
| CS-21 | 8/27/2025 | 0.5' | <10.0 | 4,050 | 39.2 | 4,089 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,760 |
| | 9/23/2025 | 0.75' | <10.0 | 106 | 35.8 | 142 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,480 |
| CS-22 | 8/27/2025 | 0.5' | <10.0 | 4,160 | 50.1 | 4,210 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,520 |
| | 9/23/2025 | 0.75' | <10.0 | 121 | 45.2 | 166 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,560 |
| CS-23 | 8/27/2025 | 0.5' | <10.0 | 4,970 | 50.0 | 5,020 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 672 |
| | 9/23/2025 | 0.75' | <10.0 | 135 | 52.1 | 187 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,400 |
| CS-24 | 8/27/2025 | 0.5' | <10.0 | 3,790 | 43.3 | 3,833 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,890 |
| | 9/23/2025 | 0.75' | <10.0 | 127 | 49.6 | 177 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,050 |
| CS-25 | 8/27/2025 | 0.5' | <10.0 | 2,620 | 41.6 | 2,662 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,650 |
| | 9/23/2025 | 0.75' | <10.0 | 39.7 | 11.6 | 51.3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,700 |
| CS-26 | 8/27/2025 | 0.5' | <10.0 | 4,190 | 40.4 | 4,230 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,790 |
| | 9/23/2025 | 0.75' | <10.0 | 85.4 | 29.1 | 115 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,370 |
| <i>Regulatory Criteria^A</i> | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | 50 mg/kg | 20,000 mg/kg | |

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

Removed

Table 1
 Coterra Energy Operating Co.
 Sandra Jean 23 Federal Com 505H (06.09.2025)
 Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene | Toluene | Ethylbenzene | Xylene | Total BTEX | Chloride |
|----------------------------------|-----------|------------|-------------|-------|-------------|-------|----------|----------|--------------|----------|--------------|----------|
| | | | GRO | DRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| CS-27 | 8/27/2025 | 0.5' | <10.0 | 4,360 | 43.5 | 4,404 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,660 |
| | 9/23/2025 | 0.75' | <10.0 | 90.6 | 25.0 | 116 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,430 |
| CS-28 | 8/27/2025 | 0.5' | <10.0 | 2,080 | 17.2 | 2,097 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,630 |
| | 9/23/2025 | 0.75' | <10.0 | 105 | 36.6 | 142 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,480 |
| CS-29 | 8/27/2025 | 0.5' | <10.0 | 3,550 | 26.0 | 3,576 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,820 |
| | 9/23/2025 | 0.75' | <10.0 | 118 | 44.0 | 162 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,880 |
| CS-30 | 8/27/2025 | 0.5' | <10.0 | 19.1 | <10.0 | 19.1 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,080 |
| CS-31 | 8/27/2025 | 0.5' | <10.0 | 12.0 | <10.0 | 12.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,600 |
| CS-32 | 8/27/2025 | 0.5' | <10.0 | 15.1 | <10.0 | 15.1 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,200 |
| CS-33 | 8/27/2025 | 0.5' | <10.0 | 13.5 | <10.0 | 13.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,000 |
| CS-34 | 8/27/2025 | 0.5' | <10.0 | 22.9 | <10.0 | 22.9 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 8,480 |
| CS-35 | 8/27/2025 | 0.5' | <10.0 | 18.4 | <10.0 | 18.4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,560 |
| CS-36 | 8/27/2025 | 0.5' | <10.0 | 22.0 | <10.0 | 22.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,720 |
| CS-37 | 8/27/2025 | 0.5' | <10.0 | 21.3 | <10.0 | 21.3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,480 |
| CS-38 | 8/27/2025 | 0.5' | <10.0 | 14.6 | <10.0 | 14.6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,240 |
| CS-39 | 8/27/2025 | 0.5' | <10.0 | 100 | 18.5 | 119 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,120 |
| CS-40 | 8/27/2025 | 0.5' | <10.0 | 19.6 | <10.0 | 19.6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,520 |
| CS-41 | 8/27/2025 | 0.5' | <10.0 | 15.0 | <10.0 | 15.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,920 |
| CS-42 | 8/27/2025 | 0.5' | <10.0 | 11.9 | <10.0 | 11.9 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,520 |
| CS-43 | 8/27/2025 | 0.5' | <10.0 | 26.3 | 16.8 | 43.1 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,760 |
| CS-44 | 8/27/2025 | 0.5' | <10.0 | 895 | 104 | 999 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 640 |
| CS-45 | 8/27/2025 | 0.5' | <10.0 | 926 | 96.2 | 1,022 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 720 |
| CS-46 | 8/27/2025 | 0.5' | <10.0 | 745 | 101 | 846 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 688 |
| CS-47 | 8/27/2025 | 0.5' | <10.0 | 667 | 87.1 | 754 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 640 |
| CS-48 | 8/27/2025 | 0.5' | <10.0 | 717 | 86.0 | 803 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 608 |
| CS-49 | 8/27/2025 | 0.5' | <10.0 | 818 | 92.3 | 910 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 608 |
| CS-50 | 8/27/2025 | 0.5' | <10.0 | 772 | 97.9 | 970 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 624 |
| CS-51 | 8/27/2025 | 0.5' | <10.0 | 2,110 | 987 | 3,097 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 6,000 |
| | 9/23/2025 | 0.75' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,600 |
| CS-52 | 8/27/2025 | 0.5' | <10.0 | 1,390 | 623 | 2,113 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,440 |
| | 9/23/2025 | 0.75' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,760 |
| Backfill Sample | 9/29/2025 | * | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 20.7 |
| Regulatory Criteria ^A | | | 1,000 mg/kg | | 2,500 mg/kg | | 10 mg/kg | | | 50 mg/kg | 20,000 mg/kg | |

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

Removed

Table 1
Coterra Energy Operating Co.
Sandra Jean 23 Federal Com 505H (06.09.2025)
Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------|-------------|-------|-------|------------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| H-1 | 8/27/2025 | 0.5' | <10.0 | <10.0 | 21.8 | 21.8 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| H-2 | 8/27/2025 | 0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| H-3 | 8/27/2025 | 0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| H-4 | 8/27/2025 | 0.5' | <10.0 | 16.9 | 10.8 | 27.7 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| H-5 | 8/27/2025 | 0.5' | <10.0 | 16.2 | <10.0 | 16.2 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 208 |
| H-6 | 8/27/2025 | 0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| H-7 | 8/27/2025 | 0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 208 |
| H-8 | 8/27/2025 | 0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| H-9 | 8/27/2025 | 0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 208 |
| H-10 | 8/27/2025 | 0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Regulatory Criteria^A | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) - Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Sandra Jean 23 Federal Com 505H

County: Lea County, New Mexico

Description:

View West of scraped areas CS-1 through CS-32.



Photograph No. 2

Facility: Sandra Jean 23 Federal Com 505H

County: Lea County, New Mexico

Description:

View Northeast of scraped areas CS-1 through CS-32.



Photograph No. 3

Facility: Sandra Jean 23 Federal Com 505H

County: Lea County, New Mexico

Description:

View East of scraped areas CS-1 through CS-52.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 4**Facility:** Sandra Jean 23 Federal Com 505H**County:** Lea County, New Mexico**Description:**

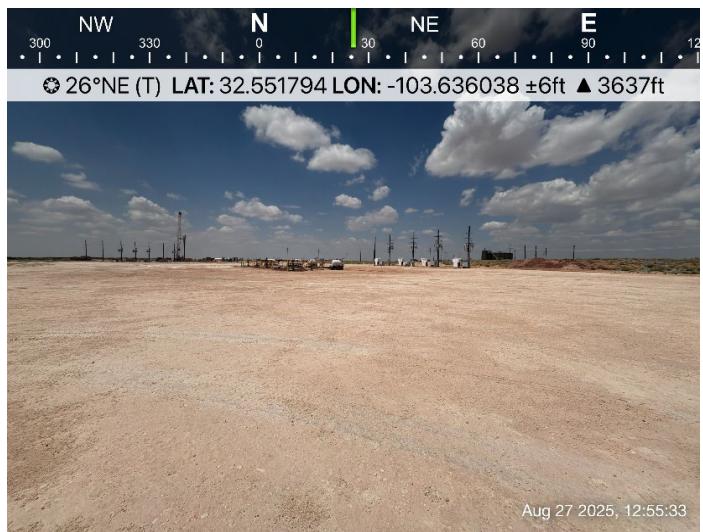
View South of scraped areas CS-1 through CS-52.

**Photograph No. 5****Facility:** Sandra Jean 23 Federal Com 505H**County:** Lea County, New Mexico**Description:**

View West of scraped areas CS-1 through CS-52.

**Photograph No. 6****Facility:** Sandra Jean 23 Federal Com 505H**County:** Lea County, New Mexico**Description:**

View Northeast of of scraped area of CS-35 through CS-52.

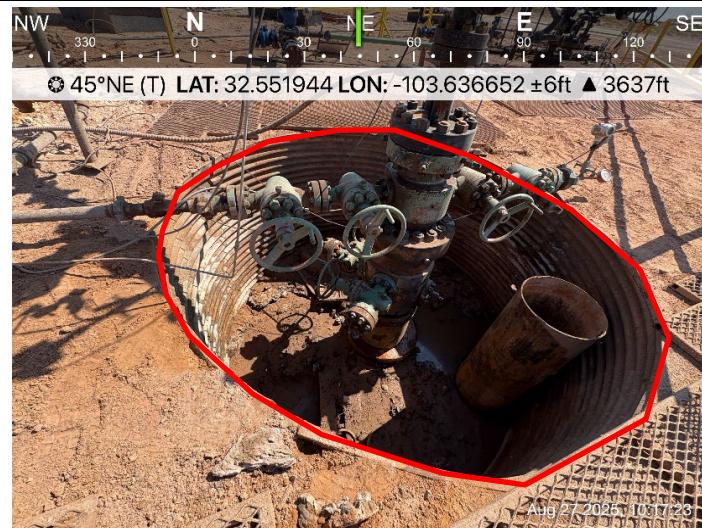


PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 7**Facility:** Sandra Jean 23 Federal Com 505H**County:** Lea County, New Mexico**Description:**

View Northeast, Cellar of wellhead with fluid removed and power washed

**Photograph No. 8****Facility:** Sandra Jean 23 Federal Com 505H**County:** Lea County, New Mexico**Description:**

View West, Cellar of wellhead with fluid removed and power washed



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 472459

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 472459 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|--|--------------------------------|
| Location of Release Source <i>Please answer all the questions in this group.</i> | |
| Site Name | Sandra Jea 23 Federal Com 505H |
| Date Release Discovered | 06/09/2025 |
| Surface Owner | Federal |

Incident Details

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

Nature and Volume of Release

| | |
|---|--|
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Other (Specify) Crude Oil Released: 20 BBL Recovered: 20 BBL Lost: 0 BBL. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Other (Specify) Produced Water Released: 49 BBL Recovered: 40 BBL Lost: 9 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | We had a reportable release at the Sandra Jean 23 Federal Com 505H due to a failed 3/8" flex hose from the chemical line. The casing line did not have a check valve in place, allowing fluid to back flow through the 3/8" line and onto the well pad. This incident resulted in a total release of 69 barrels of fluid onto the well pad and nearby 705H well cellar. A vacuum truck was able to recover 60 barrels of fluid. In the coming weeks, we will evaluate the affected soils and implement the necessary remediation measures. |

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 472459

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 472459 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

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

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

| | |
|---|----------------------|
| Initial Response | |
| <i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i> | |
| 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 | <i>Not answered.</i> |

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

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

ACKNOWLEDGMENTS

Action 472459

ACKNOWLEDGMENTS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 472459 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 472459

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 472459 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| lluig | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 6/9/2025 |

AVANT OPERATING
SANDRA JEAN 23
FEDERAL COM 505H
LEA, NM

1:08

. . . 99%

1:09

. . . 99%

[Home](#)[Back](#)

Standing Liquid Calculation

Sandra Jean 505H

L(Ft) W(Ft) D(In) Oil %

3877

1

1

0

H₂O Spill Total: 57.54 Bbls

Oil Spill Total: 0.00 Bbls

Total Spilled: 57.54 Bbls

Total Spilled: 2,416.66 Gals

[Add Section to Spill](#)

Circle Shape Spill

Sandra Jean 505H

Diameter (Ft) Depth (In) Oil %

10

3

0

H₂O Spill Total: 3.50 Bbls

Oil Spill Total: 0.00 Bbls

Total Spilled: 3.50 Bbls

Total Spilled: 146.84 Gals

[Add Section to Spill](#)

AVANT OPERATING
SANDRA JEAN 23
FEDERAL COM 505H
LEA, NM

1:11

99%

[Home](#)

Saturated Soil Calculation

Sandra Jean 505H

L(Ft)

W(Ft)

D(In)

Oil %

3877

1

1

0



Soil Definitions

SOIL TYPE FACTOR

0.08 0.14 0.16 0.25 0.15

H₂O Spill Total: 8.06 Bbls

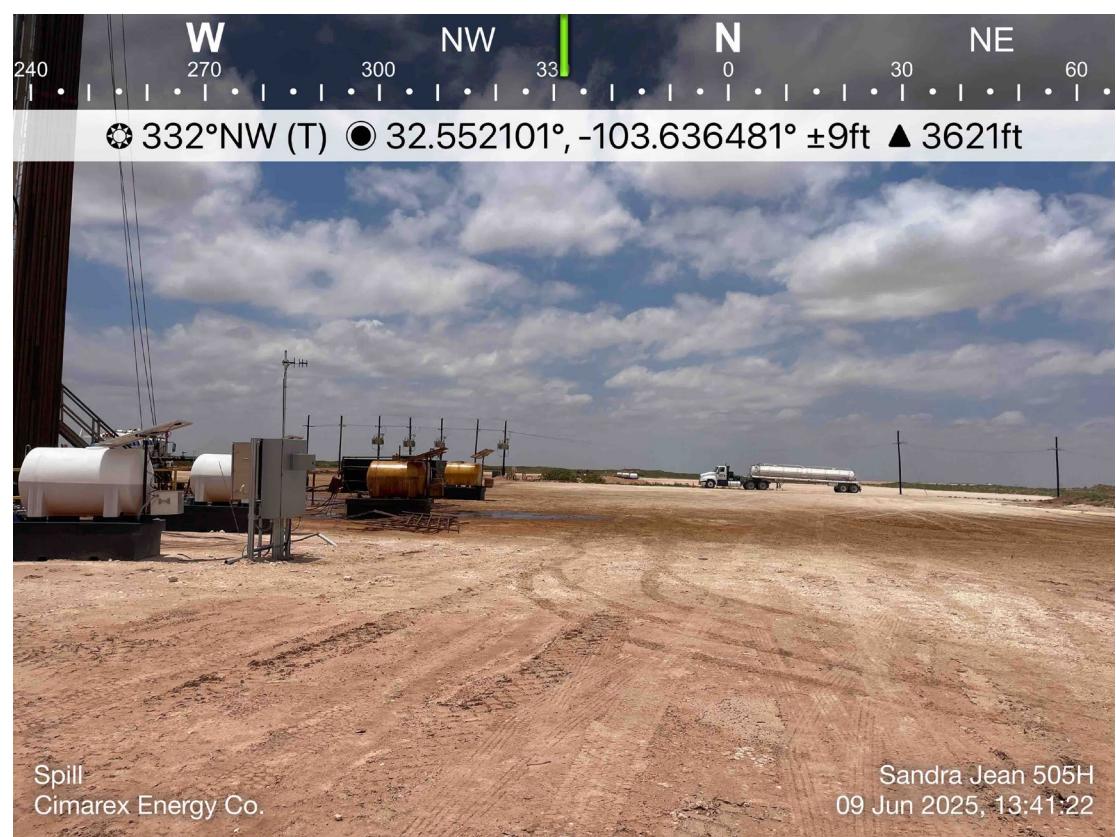
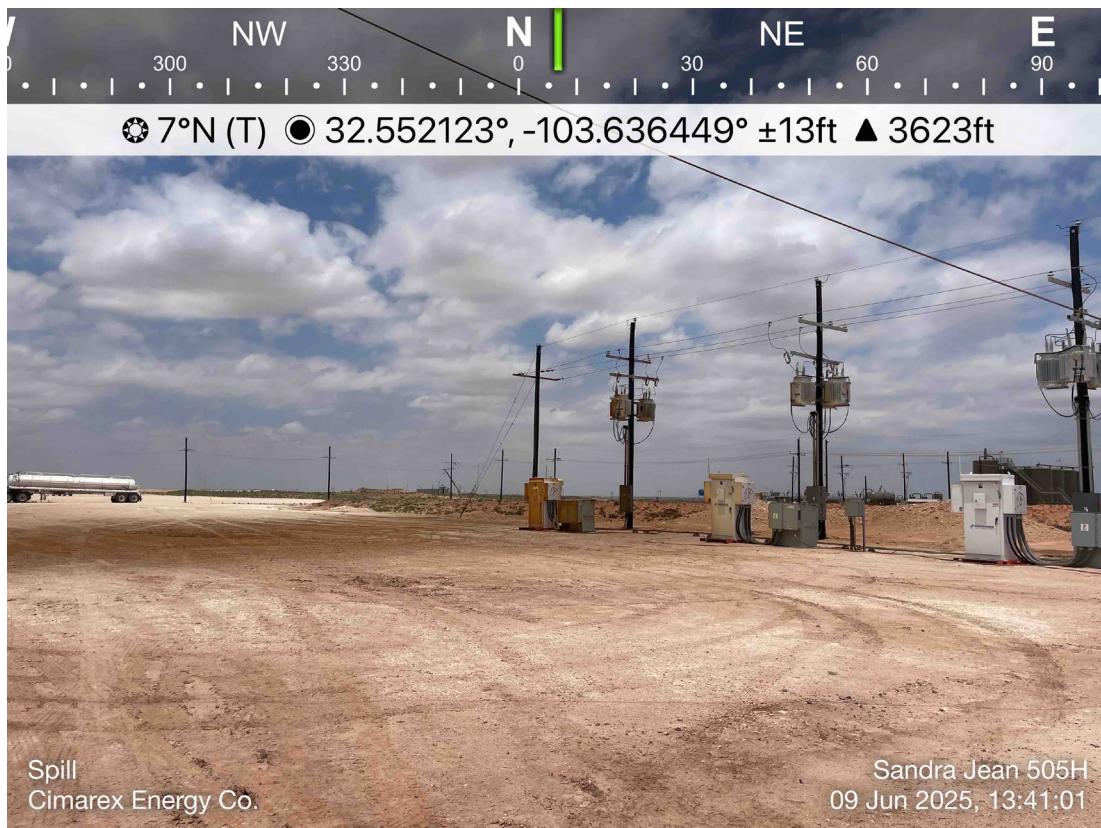
Oil Spill Total: 0.00 Bbls

Total Spilled: 8.06 Bbls

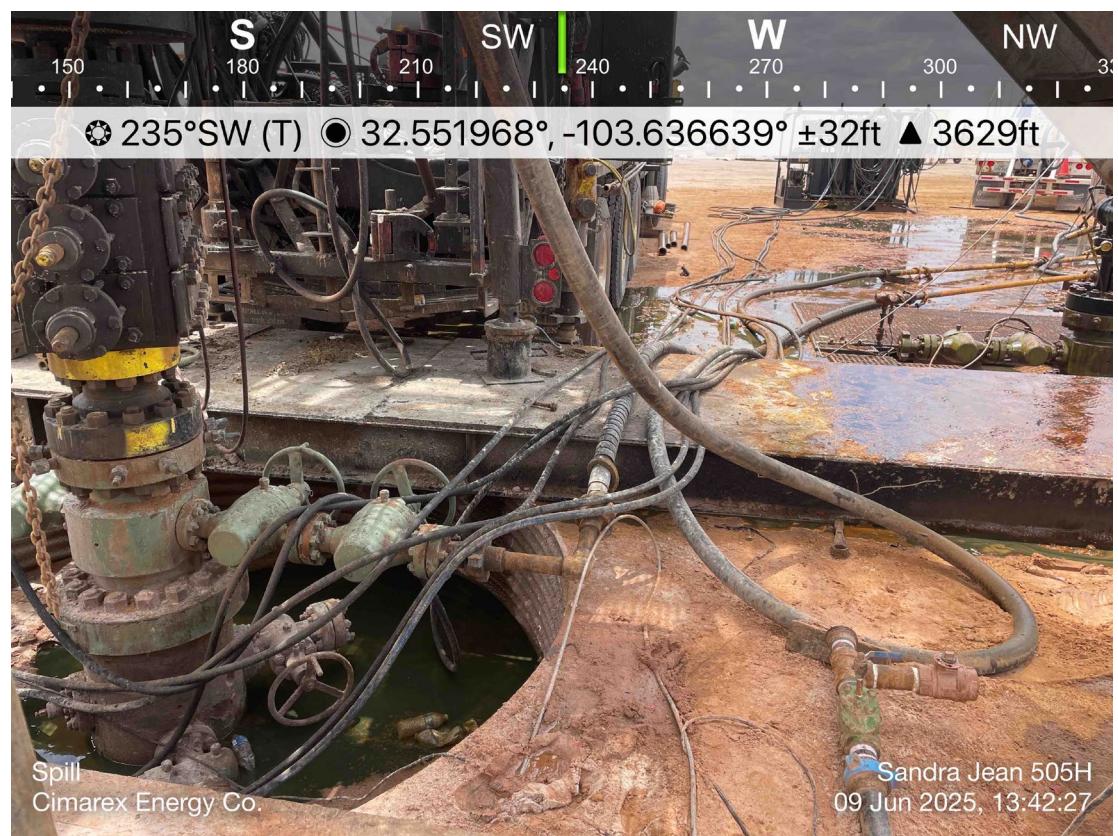
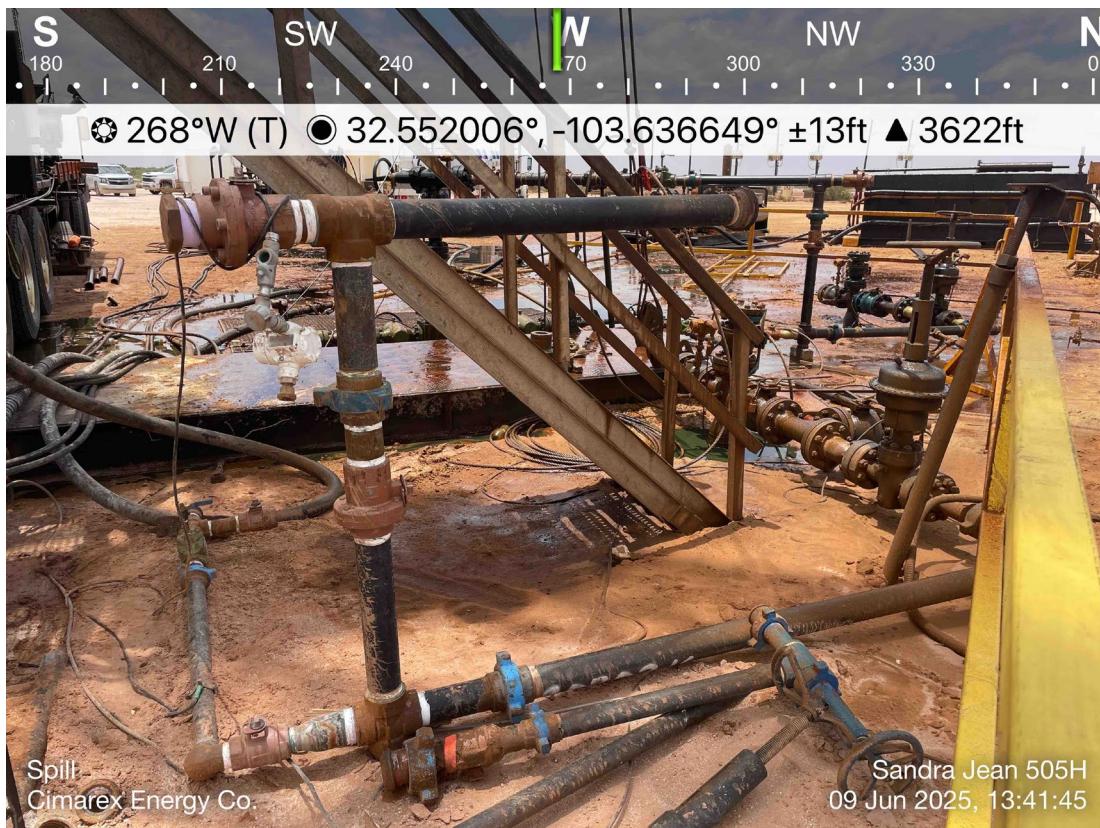
Total Spilled: 338.33 Gals

[Add Section to Spill](#)

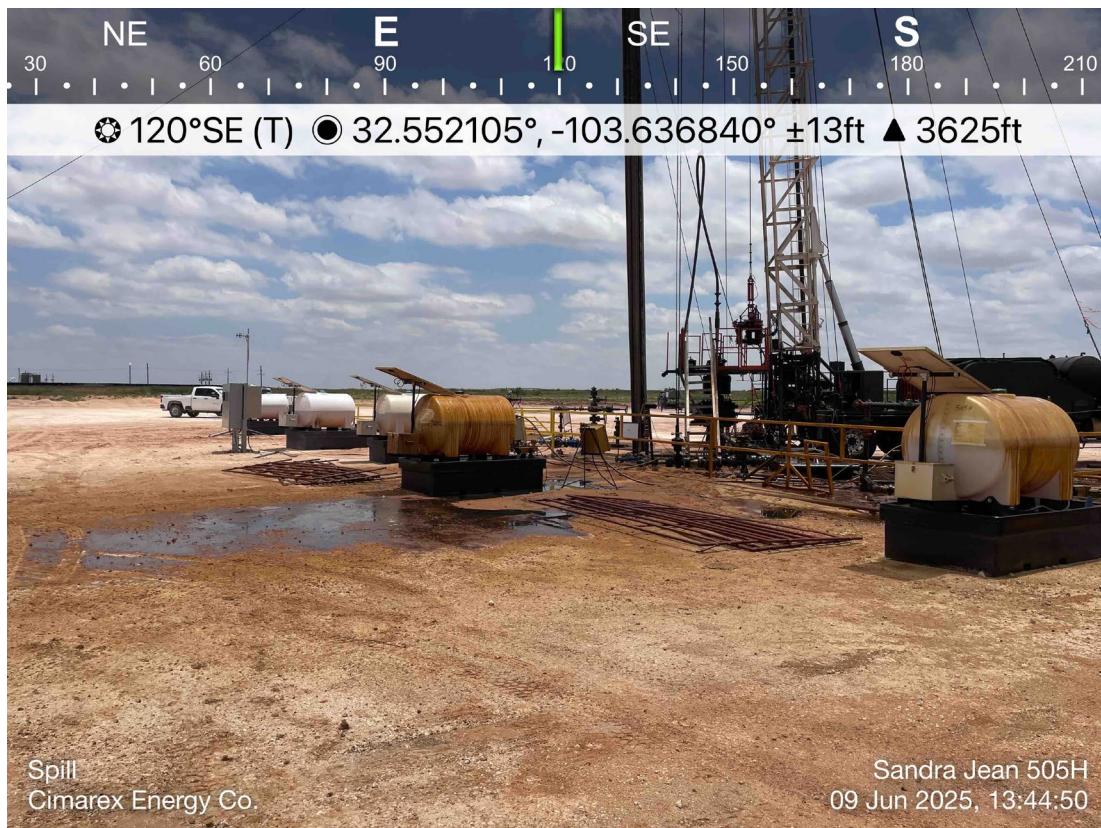
AVANT OPERATING
SANDRA JEAN 23
FEDERAL COM 505H
LEA, NM



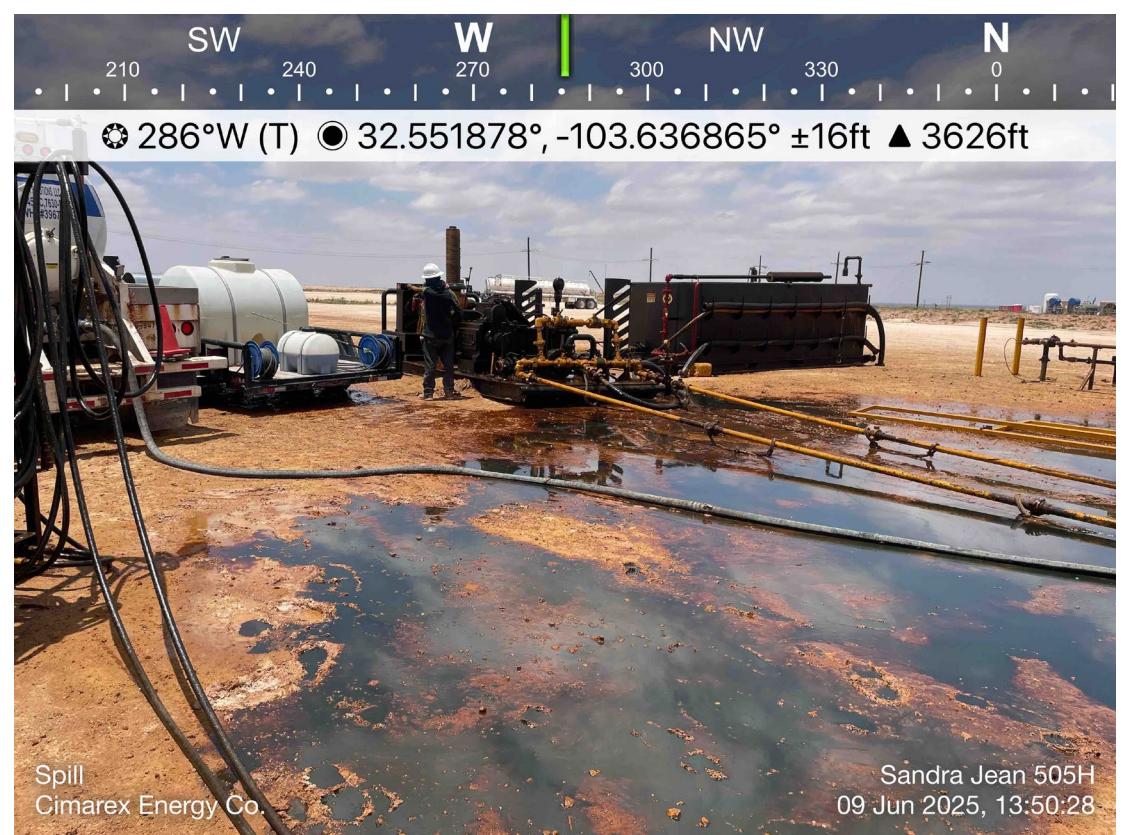
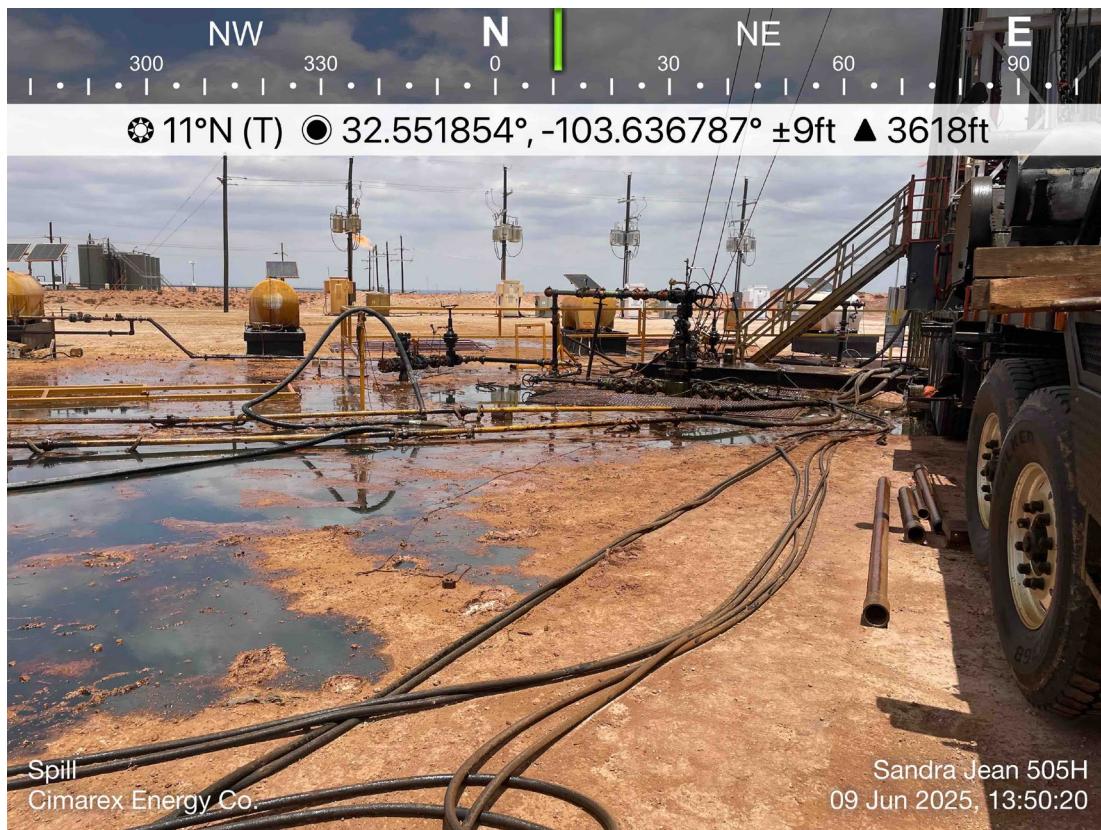
AVANT OPERATING
SANDRA JEAN 23
FEDERAL COM 505H
LEA, NM



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FEDERAL COM 505H
LEA, NM



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SANDRA JEAN 23
FEDERAL COM 505H
LEA, NM



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

QUESTIONS

Action 476081

QUESTIONS

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 476081 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| Prerequisites | |
|------------------|---|
| Incident ID (n#) | nAPP2516072306 |
| Incident Name | NAPP2516072306 SANDRA JEA 23 FEDERAL COM 505H @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Received |

Location of Release Source*Please answer all the questions in this group.*

| | |
|-------------------------|--------------------------------|
| Site Name | Sandra Jea 23 Federal Com 505H |
| Date Release Discovered | 06/09/2025 |
| Surface Owner | Federal |

Incident Details*Please answer all the questions in this group.*

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

Nature and Volume of Release*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

| | |
|--|--|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Other (Specify) Crude Oil Released: 20 BBL Recovered: 20 BBL Lost: 0 BBL. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Other (Specify) Produced Water Released: 49 BBL Recovered: 40 BBL Lost: 9 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | We had a reportable release at the Sandra Jean 23 Federal Com 505H due to a failed 3/8" flex hose from the chemical line. The casing line did not have a check valve in place, allowing fluid to back flow through the 3/8" line and onto the well pad. This incident resulted in a total release of 69 barrels of fluid onto the well pad and nearby 705H well cellar. A vacuum truck was able to recover 60 barrels of fluid. In the coming weeks, we will evaluate the affected soils and implement the necessary remediation measures. |

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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 476081

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 476081 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

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

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

| | |
|---|----------------------|
| Initial Response | |
| <i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i> | |
| 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 | <i>Not answered.</i> |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Laci Luig Title: ES&H Specialist Email: DL_PermitEnvironmental@coterra.com Date: 06/17/2025 |
|--|--|

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

QUESTIONS, Page 3

Action 476081

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 476081 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

CONDITIONS

Action 476081

CONDITIONS

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 476081 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| nvelez | None | 6/18/2025 |

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

QUESTIONS

Action 498361

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 498361 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2516072306 |
| Incident Name | NAPP2516072306 SANDRA JEA 23 FEDERAL COM 505H @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|--------------------------------|
| Location of Release Source | |
| Site Name | Sandra Jea 23 Federal Com 505H |
| Date Release Discovered | 06/09/2025 |
| Surface Owner | Federal |

| | |
|---|---|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 12,000 |
| What is the estimated number of samples that will be gathered | 40 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 08/27/2025 |
| Time sampling will commence | 08:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources (432-813-8988) Possible High H2S |
| Please provide any information necessary for navigation to sampling site | 32.551807,-103.636151 A 400 sqft sampling variance is being requested as this was an overspray and surface scrape will be conducted soon. A 105' GWDB was drilled the week of 08.21.2025. |

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

CONDITIONS

Action 498361

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 498361 |
| | 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. | 8/22/2025 |
| 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. | 8/22/2025 |

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

QUESTIONS

Action 498364

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 498364 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2516072306 |
| Incident Name | NAPP2516072306 SANDRA JEA 23 FEDERAL COM 505H @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|--------------------------------|
| Location of Release Source | |
| Site Name | Sandra Jea 23 Federal Com 505H |
| Date Release Discovered | 06/09/2025 |
| Surface Owner | Federal |

| | |
|---|--|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 12,000 |
| What is the estimated number of samples that will be gathered | 40 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 08/28/2025 |
| Time sampling will commence | 08:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources (432-813-8988) Possible High H2S |
| Please provide any information necessary for navigation to sampling site | 32.551807,-103.636151 A 400 sqft sampling variance is being requested as this was an overspray and surface scrape will be conducted soon. A 105' GWDB was drilled the week of 08.21.2025 |

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

CONDITIONS

Action 498364

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 498364 |
| | 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. | 8/22/2025 |
| 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. | 8/22/2025 |

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 498366

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 Action Number: 498366 Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L) |
|---|--|

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2516072306 |
| Incident Name | NAPP2516072306 SANDRA JEA 23 FEDERAL COM 505H @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|--------------------------------|
| Location of Release Source | |
| Site Name | Sandra Jea 23 Federal Com 505H |
| Date Release Discovered | 06/09/2025 |
| Surface Owner | Federal |

| | |
|---|---|
| Liner Inspection Event Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the liner inspection surface area in square feet | 400 |
| Have all the impacted materials been removed from the liner | Yes |
| Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC | 08/27/2025 |
| Time liner inspection will commence | 08:00 AM |
| Please provide any information necessary for observers to liner inspection | Carmona Resources (432-813-8988) Possible High H2S |
| Please provide any information necessary for navigation to liner inspection site | 32.551807,-103.636151 Liner inspection of the well heads will be completed. |

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 498366

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 498366 |
| | Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| athielke | Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted. | 8/22/2025 |

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 507399

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 507399 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2516072306 |
| Incident Name | NAPP2516072306 SANDRA JEA 23 FEDERAL COM 505H @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|--------------------------------|
| Location of Release Source | |
| Site Name | SANDRA JEA 23 FEDERAL COM 505H |
| Date Release Discovered | 06/09/2025 |
| Surface Owner | Federal |

| | |
|---|--|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 12,000 |
| What is the estimated number of samples that will be gathered | 13 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 09/23/2025 |
| Time sampling will commence | 08:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources (432-813-8988) Possible High H2S Recollection of 12 composite confirmation floor samples at a depth of 0.75' after additional surface scrapping has taken place. |
| Please provide any information necessary for navigation to sampling site | 32.551807,-103.636151 |

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 507399

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 507399 |
| | 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. | 9/19/2025 |
| 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. | 9/19/2025 |

Ashton Thielke

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, August 27, 2025 9:56 AM
To: Ashton Thielke
Cc: DL_Permit Environmental; Laci Luig
Subject: Re: [EXTERNAL] NAPP2516072306 - SANDRA JEA 23 FEDERAL COM 505H - NMAC
https://url.us.m.mimecastprotect.com/s/8O_yC2kwj2UZG3k1tnfvs5LHpD?domain=19.15.29.12 Variance Request(s)

This message needs your attention

- Some Recipients have never replied to this person.

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Good morning Ashton,

Thank you for the inquiry.

Your variance request to determine depth to water being greater than 100 feet below grade is approved.

Your request to submit an alternative sampling plan not to exceed 400 square feet (ft.²) for each five (5) point composite (5pc) from the excavation floor per 19.15.29.12D (1b) NMAC is approved. Sidewall confirmation sample(s) will abide at 200 ft.² for each 5pc per 19.15.29.12D (1c) NMAC. All other provisions addressed in 19.15.29.12D NMAC remain in effect.

Lastly, your 90-day time extension request is also approved. Remediation Due date has been updated to December 8, 2025.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience. Thank you.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: Ashton Thielke <Ashton.Thielke@coterra.com>
Sent: Sunday, August 24, 2025 4:22 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: DL_Permit Environmental <DL_PermitEnvironmental@coterra.com>
Subject: RE: [EXTERNAL] NAPP2516072306 - SANDRA JEA 23 FEDERAL COM 505H - NMAC <http://19.15.29.12> Variance Request(s)

Good afternoon Nelson,

Attached is the 105' GWDB log as previously discussed. This soil bore was drilled last week and was gauged today with no evidence of groundwater at 105'. The bore was drilled at a nearby well location 0.31 miles to the east of this incident location. The remediation (surface scrape) has been scheduled for this week and confirmation sampling has also been submitted via C-141N to the portal.

Now that the additional information has been presented and groundwater (or lack thereof) has been verified, the following requests are being made:

NMAC 19.15.29.12.D.1.C - Sampling Variance

Coterra Energy is requesting a composite confirmation sampling variance from 200 square feet to 400 square feet composite samples.

Attached is groundwater and site characterization research for the above mentioned site as well as the 105' GWDB permit application.

Nearby groundwater data suggests that groundwater is >105, but will be verified with the drilling of the 105' GWDB.

This site is also not near any subsurface mines, any flood plains, any lakes, ponds, playas, any residences or household water wells, and is within a low karst area.

Coterra believes that the approval of this sampling variance will provide equal or better protection of fresh water, public health and the environment.

Additionally, due to the excavation being less than 6 inches in depth, horizontal "grab" samples will be collected in place of "composite" confirmation sidewall samples, and will be utilized as horizontal delineation of the release area.

NMAC 19.15.29.12.B.2. – Extension Request

Due to amount of time the 105' drilling permit may take to gain approval from the NMOSE, a 90 day extension is being requested.

Pending approval, the new closure date would be December 7, 2025.

Please let me know if you have any questions!

Thanks!



Ashton Thielke | PBU - Environmental Consultant

T: 432.813.8988 | M: 281.753.5659 | Ashton.Thielke@coterra.com | www.coterra.com

Coterra Energy Inc. | 6001 Deauville Blvd., Suite 300N | Midland, TX 79706

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Sent: Friday, August 15, 2025 11:21 AM

To: Ashton Thielke <Ashton.Thielke@coterra.com>

Cc: DL_Permit Environmental <DL_PermitEnvironmental@coterra.com>; Rodgers, Scott, EMNRD

<Scott.Rodgers@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Subject: Re: [EXTERNAL] NAPP2516072306 - SANDRA JEA 23 FEDERAL COM 505H - NMAC <http://19.15.29.12> Variance Request(s)

WARNING: This email originated from outside of Coterra Energy. Do not click links or open attachments unless you recognize the sender, are expecting the content and know it is safe.

Good morning Ashton,

Thanks for the correspondence. I have been assigned to this incident.

The specific incident has a remediation due date of September 8, 2025. I have flagged your email to response and to have a decision to your inquiries within a week of due date expiration or until you have confirmation from the exploratory boring of the depth to water determination.

Have a safe, productive day & weekend!

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: Ashton Thielke <Ashton.Thielke@coterra.com>

Sent: Friday, August 15, 2025 9:17 AM

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

Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Cc: DL_Permit Environmental <DL_PermitEnvironmental@coterra.com>

Subject: [EXTERNAL] NAPP2516072306 - SANDRA JEA 23 FEDERAL COM 505H - NMAC [19.15.29.12](#) Variance Request(s)

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

Good morning NMOCD Personnel,

The remediation of the above mentioned site is about to begin.

The above mentioned site is going to be surface scraped to depths between 3-6 inches.

The area of concern is approximately 12,000 square feet.

A 105' groundwater determination bore is currently in the permitting process with the NMOSE and is expected to be approved/drilled in the coming weeks.

NMAC 19.15.29.12.D.1.C - Sampling Variance

Coterra Energy is requesting a composite confirmation sampling variance from 200 square feet to 400 square feet composite samples.

Attached is groundwater and site characterization research for the above mentioned site as well as the 105' GWDB permit application.

Nearby groundwater data suggests that groundwater is >105, but will be verified with the drilling of the 105' GWDB.

This site is also not near any subsurface mines, any flood plains, any lakes, ponds, playas, any residences or household water wells, and is within a low karst area.

Coterra believes that the approval of this sampling variance will provide equal or better protection of fresh water, public health and the environment.

Additionally, due to the excavation being less than 6 inches in depth, horizontal "grab" samples will be collected in place of "composite" confirmation sidewall samples, and will be utilized as horizontal delineation of the release area.

NMAC 19.15.29.12.B.2. – Extension Request

Due to amount of time the 105' drilling permit may take to gain approval from the NMOSE, a 90 day extension is being requested.

Pending approval, the new closure date would be December 7, 2025.

If Groundwater is detected prior to 105', remediation will utilize the appropriate Table 1 NMAC 19.15.29.12 standards with respect to groundwater levels found onsite.

Please let myself or Laci Luig know if you have any questions!

Thanks!



Ashton Thielke | PBU - Environmental Consultant

T: 432.813.8988 | M: 281.753.5659 | Ashton.Thielke@coterra.com | www.coterra.com

Coterra Energy Inc. | 6001 Deauville Blvd., Suite 300N | Midland, TX 79706

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

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This message may contain confidential and/or privileged information. If you are not the addressee or authorized to receive this for the addressee, you must not use, copy, disclose or take any action based on this message or any information herein. If you have received this message in error, please advise the sender immediately by reply e-mail and delete this message.



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.

API Number: 30-025-52677

Date: 08/27/2025

Incident ID(s): NAPP2516072306

- 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.

APPENDIX D

CARMONA RESOURCES

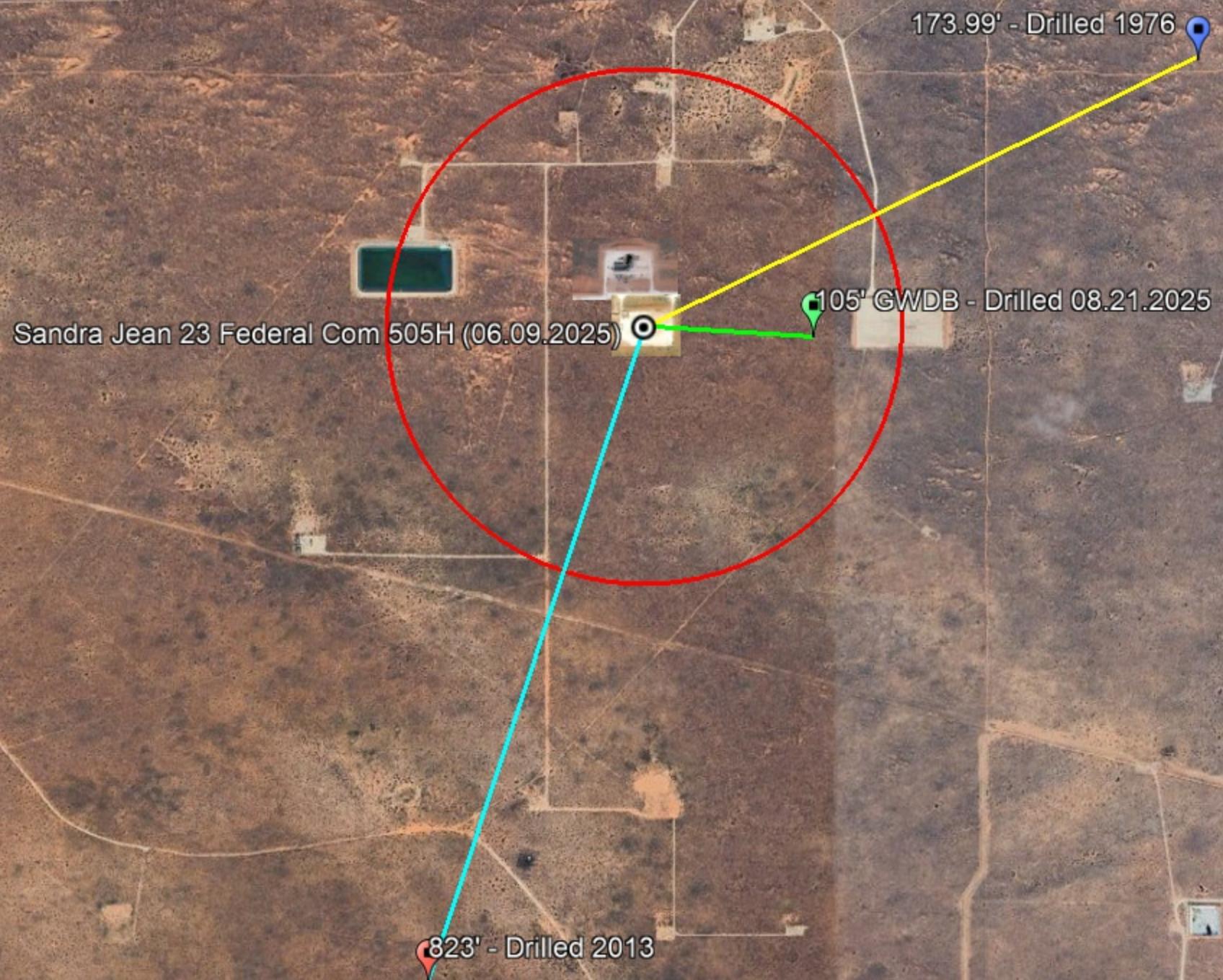


Nearest Water Well

Coterra Energy Operating Co.

Legend

- 0.33 Miles
- 0.50 Mile Radius
- 1.21 Miles
- 1.34 Miles
- Groundwater Determination Bore
- NMOSE Water Well
- Sandra Jean 23 Federal Com 505H (06.09.2025)
- USGS Water Well



Low Karst

Coterra Energy Operating Co.

Legend

Low

● Sandra Jean 23 Federal Com 505H (06.09.2025)

Sandra Jean 23 Federal Com 505H (06.09.2025) ●

▲ N



Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X | Y | Map | Distance | Well Depth | Depth Water | Water Column |
|-------------------------------|------|-----------|--------|-----|-----|----|-----|-----|-------|----------|-------------|-----|----------|------------|-------------|--------------|
| CP 01151 POD1 | | CP | LE | | | | 32 | 22S | 36E | 627036.9 | 3601186.2 | | 1578 | 823 | | |
| CP 00798 POD1 | | CP | LE | NE | NW | NW | 24 | 20S | 33E | 629348.0 | 3603892.0 * | | 1983 | 850 | | |
| CP 01980 POD1 | | CP | LE | NE | SW | SW | 11 | 20S | 33E | 627611.5 | 3605794.6 | | 3376 | 55 | 36 | 19 |
| CP 01860 POD1 | | CP | LE | SW | SW | NE | 30 | 20S | 34E | 631560.1 | 3600891.4 | | 3885 | | | 112 |

Average Depth to Water: **36 feet**

Minimum Depth: **36 feet**

Maximum Depth: **36 feet**

Record Count: 4

UTM Filters (in meters):

Easting: 627996.45

Northing: 3602440.16

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.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

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

FOR QSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.

POD NO.

TRN NO.

LOCATION

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. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-2082 Pod-1
 Well owner: Coterra Energy Co. Phone No.: _____
 Mailing address: 840 Gessner Rd.
 City: Houston State: TX Zip code: 77024-4152

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): James Hawley
- 4) Date well plugging began: 8/24/25 Date well plugging concluded: 8/24/25
- 5) GPS Well Location: Latitude: 32 deg, 33 min, 6.00 sec
 Longitude: 103 deg, 37 min, 52.00 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
 by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: DRY ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/16/25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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:

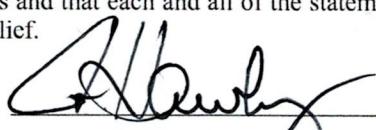
| <u>Depth</u> (ft bgl) | <u>Plugging Material Used</u> (include any additives used) | <u>Volume of Material Placed</u> (gallons) | <u>Theoretical Volume of Borehole/ Casing</u> (gallons) | <u>Placement Method</u> (tremie pipe, other) | <u>Comments</u> (“casing perforated first”, “open annular space also plugged”, etc.) |
|--------------------------|---|---|--|--|--|
| 0-10 | | 16.5 | 14.7 | pour | Baroid 3/8 bentonite chip plug |
| 10-105 | | 139.65 | 139.65 | pour | drill cuttings |

MULTIPLY BY AND OBTAIN

| | | | | |
|-------------|---|--------|---|---------|
| cubic feet | x | 7.4805 | = | gallons |
| cubic yards | x | 201.97 | = | gallons |

III. SIGNATURE:

I, James Hawley, 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.



Signature of Well Driller

8/24/25

Date



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 323335103370601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 323335103370601 20S.33E.24.12411

Lea County, New Mexico

Latitude 32°33'35", Longitude 103°37'06" NAD27

Land-surface elevation 3,641 feet above NAVD88

The depth of the well is 676 feet below land surface.

This well is completed in the Other aquifers (N99990THER) national aquifer.

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

Output formats

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

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water-level approval status |
|------------|------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| 1968-03-19 | | D | 62610 | | 3242.63 | NGVD29 | 1 | Z | | | A |
| 1968-03-19 | | D | 62611 | | 3244.19 | NAVD88 | 1 | Z | | | A |
| 1968-03-19 | | D | 72019 | 396.81 | | | 1 | Z | | | A |
| 1971-02-03 | | D | 62610 | | 3225.89 | NGVD29 | P | Z | | | A |
| 1971-02-03 | | D | 62611 | | 3227.45 | NAVD88 | P | Z | | | A |
| 1971-02-03 | | D | 72019 | 413.55 | | | P | Z | | | A |
| 1972-09-22 | | D | 62610 | | 3234.74 | NGVD29 | 1 | Z | | | A |
| 1972-09-22 | | D | 62611 | | 3236.30 | NAVD88 | 1 | Z | | | A |
| 1972-09-22 | | D | 72019 | 404.70 | | | 1 | Z | | | A |
| 1976-02-20 | | D | 62610 | | 3200.13 | NGVD29 | P | Z | | | A |
| 1976-02-20 | | D | 62611 | | 3201.69 | NAVD88 | P | Z | | | A |
| 1976-02-20 | | D | 72019 | 439.31 | | | P | Z | | | A |
| 1976-04-15 | | D | 62610 | | 3465.45 | NGVD29 | 1 | Z | | | A |
| 1976-04-15 | | D | 62611 | | 3467.01 | NAVD88 | 1 | Z | | | A |
| 1976-04-15 | | D | 72019 | 173.99 | | | 1 | Z | | | A |

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 |

| Section | Code | Description |
|-----------------------------|------|--|
| Status | 1 | Static |
| Status | P | Pumping |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

[Questions or Comments](#)[Help](#)[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: 2025-08-27 10:16:22 EDT

0.37 0.3 nadww01



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

 STATE ENGINEER OFFICE
 ROSWELL, NM

2013 APR 24 A 10:07

| | | | | | | |
|--|---|------------------------------|---|---|--|--------------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NUMBER (WELL NUMBER) | | | OSE FILE NUMBER(S) | | |
| | 1 | | | CP-1151 | | |
| | WELL OWNER NAME(S) | | | PHONE (OPTIONAL) | | |
| | Caza Operating LLC, Richard Wright | | | | | |
| | WELL OWNER MAILING ADDRESS | | | CITY | STATE | |
| | 200 North Loraine | | | Midland, Tx | 79701 | |
| | WELL LOCATION (FROM GPS) | DEGREES | MINUTES | SECONDS | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | |
| | | LATITUDE | 32 | 32 | 0,446 N | * DATUM REQUIRED: WGS 84 |
| | LONGITUDE | -103 | 38 | 3827 W | | |
| | DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE | | | | | |
| N 1/2 Sec. 32 Township 225 Range 36 E | | | | | | |
| LICENSE NUMBER | NAME OF LICENSED DRILLER | | | NAME OF WELL DRILLING COMPANY | | |
| WD-1292 | Billy L. Bentley | | | Bentley Water Well Ser. | | |
| DRILLING STARTED | DRILLING ENDED | DEPTH OF COMPLETED WELL (FT) | BORE HOLE DEPTH (FT) | DEPTH WATER FIRST ENCOUNTERED (FT) | | |
| 2-21-13 | 4-12-13 | | 823 | | | |
| COMPLETED WELL IS: <input checked="" type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED) | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) | | |
| DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | |
| DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input checked="" type="checkbox"/> HAMMER <input checked="" type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: | | | | | | |
| DEPTH (feet bgf) | BORE HOLE | CASING MATERIAL AND/OR GRADE | CASING CONNECTION TYPE | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | |
| FROM | TO | DIAM (inches) | (include each casing string, and note sections of screen) | | SLOT SIZE (inches) | |
| 71 | 6 | 18 | A-53 B | 12 1/4 | .250 | |
| 0 | 823 | 6 | none dry hole | | - | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgf) | BORE HOLE | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT | |
| | FROM | TO | DIAM. (inches) | | | |
| | 0 | 6 | 18 | 3 | Tremie | |
| | 0 | 823 | 6 | 340 | Tremie | |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

| | | | | | |
|-------------|---------|------------|----------------|------------|-------------|
| FILE NUMBER | CP-1151 | POD NUMBER | 1 | TRN NUMBER | 520275 |
| LOCATION | OWD | | 225.35E.35.222 | | PAGE 1 OF 2 |

| DEPTH (feet bgl) | | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm) |
|---|-----|--|--|---|--|
| FROM | TO | | | | |
| 0 | 3 | 3 | Top 50' 1 | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 3 | 11 | 8 | Caliche | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 11 | 20 | 9 | Sandy Clay | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 20 | 28 | 8 | Dry Sand | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 28 | 31 | 3 | Rock | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 31 | 53 | 22 | Red Sandy Clay | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 53 | 131 | 78 | Red Bed | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 131 | 162 | 31 | Lime | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 162 | 193 | 31 | Sand | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 193 | 260 | 67 | Red Bed | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 260 | 336 | 76 | Rock | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 336 | 484 | 148 | Red Bed w/sand stringers | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 484 | 519 | 35 | Red & Blue Clay | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 519 | 529 | 10 | Sand | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 529 | 543 | 14 | Hard Red & Blue Clay | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 543 | 638 | 95 | Red & Blue clay w/tight sandstringers | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 638 | 730 | 92 | Red & Blue Clay | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 730 | 732 | 2 | Rock | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| 732 | 823 | 95 | Red Bed | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| | | | | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| | | | | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: | | | | <input type="checkbox"/> PUMP | TOTAL ESTIMATED WELL YIELD (gpm): <i>Dry</i> |
| WELL TEST | | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD | | | |
| MISCELLANEOUS INFORMATION: !!!!!! | | | | | |
| PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: <i>Drill Rig Supervisor</i> | | | | | |
| THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING: | | | | | |
|  SIGNATURE OF DRILLER / PRINT SIGNEE NAME | | <i>4/21/13</i> DATE | | | |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

| | | | | | |
|-------------|---------|----------------|---|-------------|--------|
| FILE NUMBER | CP-1151 | POD NUMBER | 1 | TRN NUMBER | 520275 |
| LOCATION | OWD | 225.35E.35.222 | | PAGE 2 OF 2 | |

Locator Tool Report

General Information:

Application ID:29 Date: 02-24-2017 Time: 10:27:10

WR File Number: CP-01151
Purpose: POINT OF DIVERSION

Applicant First Name: RANDALL
Applicant Last Name: HICKS

GW Basin: CAPITAN
County: LEA

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SE 1/4 of SE 1/4 of NW 1/4 of SE 1/4 of Section 27, Township 20S, Range 33E.

Coordinate System Details:

Geographic Coordinates: Well Drillers Lat and Long

(Latitude: 32 Degrees 32 Minutes 26.8 Seconds N
Longitude: 103 Degrees 38 Minutes 49.6 Seconds W)

Universal Transverse Mercator Zone: 13N

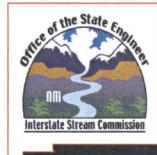
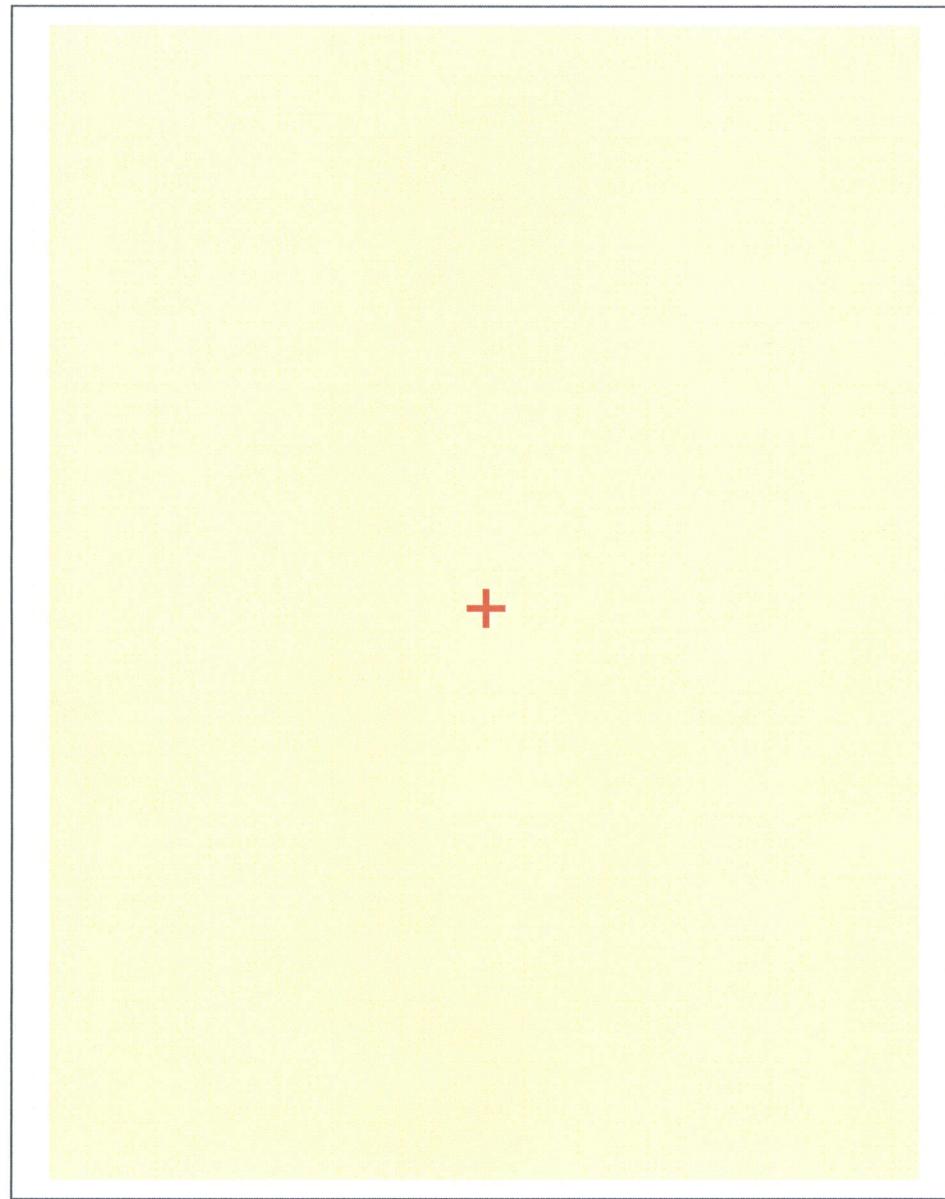
| | | |
|----------------------------|---------------|--------------|
| NAD 1983(92) (Meters) | N: 3,601,185 | E: 627,036 |
| NAD 1983(92) (Survey Feet) | N: 11,814,888 | E: 2,057,202 |
| NAD 1927 (Meters) | N: 3,600,982 | E: 627,086 |
| NAD 1927 (Survey Feet) | N: 11,814,223 | E: 2,057,363 |

State Plane Coordinate System Zone: New Mexico East

| | | |
|----------------------------|------------|------------|
| NAD 1983(92) (Meters) | N: 171,037 | E: 229,454 |
| NAD 1983(92) (Survey Feet) | N: 561,143 | E: 752,801 |
| NAD 1927 (Meters) | N: 171,018 | E: 216,902 |
| NAD 1927 (Survey Feet) | N: 561,081 | E: 711,620 |

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: CP-01151 Scale: 1:57,473
Northing/Easting: UTM83(92) (Meter): N: 3,601,185 E: 627,036
Northing/Easting: SPCS83(92) (Feet): N: 561,143 E: 752,801
GW Basin: Capitan

Scott A. Verhines, P.E.
State Engineer



Well Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 520275
File Nbr: CP 01151
Well File Nbr: CP 01151 POD1

Apr. 29, 2013

RANDALL T HICKS
CAZA OPERATING LLC
901 RIO GRANDE NW, F-142
ALBUQUERQUE, NM 87104

Greetings:

The above numbered permit was issued in your name on 01/22/2013.

The Well Record was received in this office on 04/24/2013, stating that it had been completed on 04/12/2013, and was a dry well. The well is to be plugged or capped or otherwise maintained in a manner satisfactory to the State Engineer.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/31/2014.

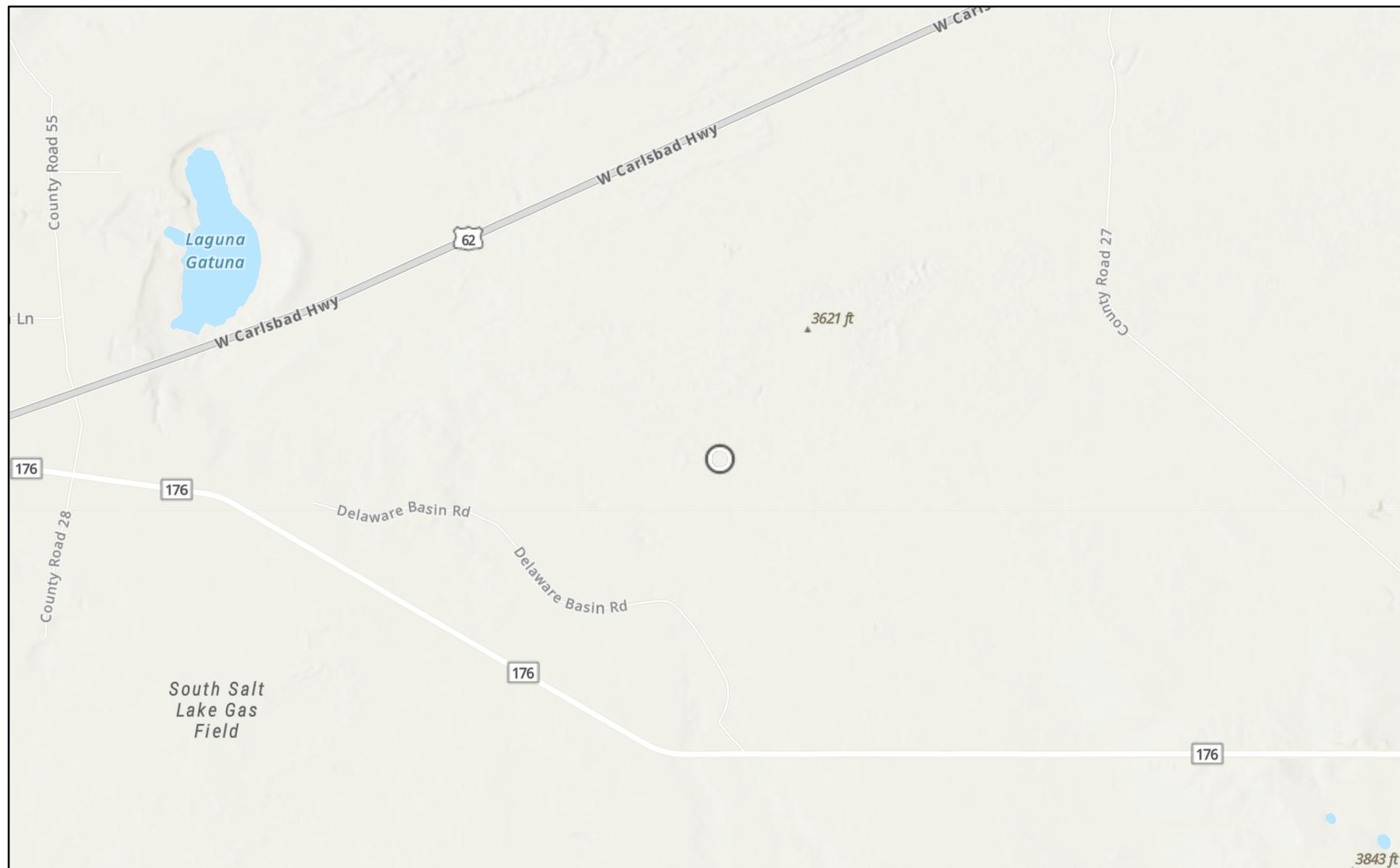
If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script, appearing to read "Yolanda Mendiola".

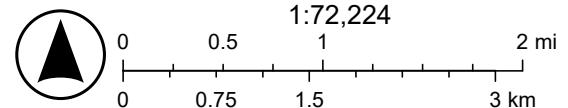
Yolanda Mendiola
(575) 622-6521

Sandra Jean 23 Federal Com 505H (06.09.2025)



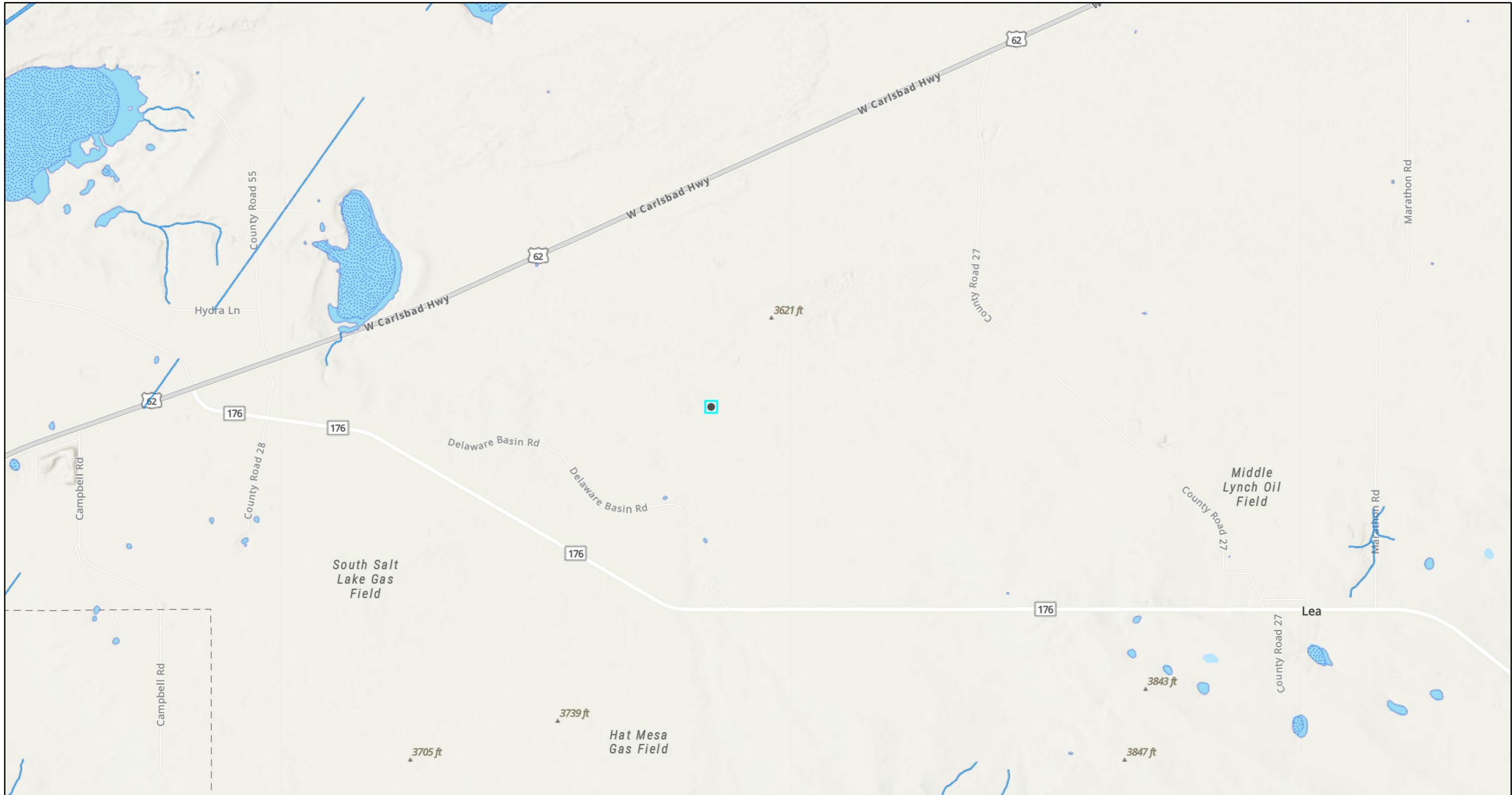
8/26/2025

World_Hillshade



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

Sandra Jean 23 Federal Com 505H (06.09.2025)



8/27/2025, 9:11:48 AM

1:72,224

OSW Water Bodys

OSE Probable Playas

OSE Streams

0 0.75 1.5 3 mi
0 1.25 2.5 5 km

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

APPENDIX E

CARMONA RESOURCES





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

September 03, 2025

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

RE: SANDRA JEAN 23 FED COM (06.9.2025)

Enclosed are the results of analyses for samples received by the laboratory on 08/27/25 15:07.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 1 (0.5') (H255341-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | 21.8 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 66.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 2 (0.5') (H255341-02)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |
| TPH 8015M | | | | | | | | | | |

| Analyte | | Result | | Reporting Limit | | Analyzed | | Method Blank | | BS | % Recovery | True Value QC | RPD | Qualifier |
|------------------|-------|--------|------|-----------------|------------|----------|----|--------------|-----|----|------------|---------------|------|-----------|
| GRO C6-C10* | <10.0 | | 10.0 | | 08/28/2025 | | ND | | 211 | | 106 | 200 | 3.19 | |
| DRO >C10-C28* | <10.0 | | 10.0 | | 08/28/2025 | | ND | | 219 | | 109 | 200 | 3.74 | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | | 08/28/2025 | | ND | | | | | | | |

Surrogate: 1-Chlorooctane 61.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 60.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 3 (0.5') (H255341-03)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 71.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 4 (0.5') (H255341-04)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | 16.9 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | 10.8 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 74.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 5 (0.5') (H255341-05)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | 16.2 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 76.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.3 % 40.6-153

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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: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 6 (0.5') (H255341-06)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 74.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 7 (0.5') (H255341-07)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 70.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 8 (0.5') (H255341-08)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 72.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.5 % 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: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 9 (0.5') (H255341-09)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 71.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.5 % 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: 08/27/2025 Sampling Date: 08/27/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: ** (See Notes)
 Project Number: 2760 Sample Received By: Alyssa Parras
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: H - 10 (0.5') (H255341-10)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/28/2025 | ND | 1.88 | 93.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.01 | 100 | 2.00 | 7.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/28/2025 | ND | 2.06 | 103 | 2.00 | 5.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/28/2025 | ND | 6.14 | 102 | 6.00 | 4.95 | | |
| Total BTEX | <0.300 | 0.300 | 08/28/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 08/28/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/28/2025 | ND | 211 | 106 | 200 | 3.19 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/28/2025 | ND | 219 | 109 | 200 | 3.74 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/28/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 70.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.7 % 40.6-153

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Notes and Definitions

| | |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H255341

Page 13 of 13

| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com & ashton.thielke@coterra.com |

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

| Turn Around | | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes | | | | | | |
|-----------------------|---|---|------------|---|--|------------|------------|------------|-----------------------------|---------------|--|--|--|--------------------|---|--------------------------|----------------------------|---|-----------------------|--|
| | | | | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | | | | | | | | | | | None: NO | DI Water: H ₂ O | | | |
| Project Name: | Sandra Jean 23 Fed Com (06.09.2025) | | Due Date: | | 72 hr. | | Parameters | | | | | | | | | | | Cool: Cool | MeOH: Me | |
| Project Number: | 2760 | | | | | | | | | | | | | | | | | HCl: HC | HNO ₃ : HN | |
| Project Location | Lea County, New Mexico | | | | | | | | | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na | |
| Sampler's Name: | FV | | | | | | | | | | | | | | | | | H ₃ PO ₄ : HP | | |
| PO #: | | | | | | | | | | | | | | | | | | NaHSO ₄ : NABIS | | |
| SAMPLE RECEIPT | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | | | | | |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | | #40 | | | | | | | | | | | | Zn Acetate+NaOH: Zn | | | | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: | | C+0.3- | | | | | | | | | | | | NaOH+Ascorbic Acid: SAPC | | | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: | | 69.5 | | | | | | | | | | | | Sample Comments | | | | |
| Total Containers: | | Corrected Temperature: | | 72.5 | | | | | | | | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 4500 | | | | | | | | | | |
| H-1 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-2 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-3 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-4 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-5 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-6 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-7 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-8 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-9 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-10 (0.5') | | 8/27/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |

Comments:

| | | | |
|------------------------------|-----------|--------------------------|--------------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
| <i>Ashton Thielke</i> | | <i>Laci Luig</i> | 8-27-25/1501 |



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

September 03, 2025

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

RE: SANDRA JEAN 23 FED COM (06.9.2025)

Enclosed are the results of analyses for samples received by the laboratory on 08/28/25 13:09.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 1 (0.5') (H255387-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 14100 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | QM-07 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 22.6 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | 10.4 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 2 (0.5') (H255387-02)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 15200 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 22.1 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | 10.2 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 3 (0.5') (H255387-03)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 13300 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 15.4 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 4 (0.5') (H255387-04)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 12300 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 17.3 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.1 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 5 (0.5') (H255387-05)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 12900 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 14.8 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 6 (0.5') (H255387-06)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 13900 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 14.0 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 93.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.4 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 7 (0.5') (H255387-07)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 13600 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 15.7 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 92.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 8 (0.5') (H255387-08)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 14000 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 17.1 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 94.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 9 (0.5') (H255387-09)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 14000 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 15.0 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 10 (0.5') (H255387-10)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 13200 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 17.4 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 91.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.2 % 40.6-153

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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 11 (0.5') (H255387-11)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 13500 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 17.4 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 99.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.2 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 12 (0.5') (H255387-12)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 12800 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 22.0 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | 10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 88.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.9 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 13 (0.5') (H255387-13)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 11300 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 16.8 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 90.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.3 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 14 (0.5') (H255387-14)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 11300 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 11.6 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 98.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 15 (0.5') (H255387-15)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.67 | 83.6 | 2.00 | 10.6 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.94 | 96.9 | 2.00 | 4.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 2.08 | 104 | 2.00 | 1.35 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 6.49 | 108 | 6.00 | 0.635 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 12500 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 11.7 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 16 (0.5') (H255387-16)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 11900 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 10.9 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 95.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.9 % 40.6-153

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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 17 (0.5') (H255387-17)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 12300 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 219 | 110 | 200 | 2.77 | | |
| DRO >C10-C28* | 11.5 | 10.0 | 08/29/2025 | ND | 216 | 108 | 200 | 1.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.3 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 18 (0.5') (H255387-18)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 11500 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 16.6 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 78.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.5 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 19 (0.5') (H255387-19)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/30/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/30/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1580 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|-------|-------------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 3210 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 43.1 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 90.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 162 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 20 (0.5') (H255387-20)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1790 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 4110 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 44.4 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 196 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 21 (0.5') (H255387-21)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1760 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | QM-07 | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 4050 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 39.2 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 202 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 22 (0.5') (H255387-22)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1520 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 4160 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 50.1 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 203 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 23 (0.5') (H255387-23)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/30/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/30/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 672 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-------------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 4970 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 50.0 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 232 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 24 (0.5') (H255387-24)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/30/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/30/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1890 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 3790 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 43.3 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 98.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 190 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 25 (0.5') (H255387-25)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/30/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/30/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1650 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 2620 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 41.6 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 150 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 26 (0.5') (H255387-26)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/30/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/30/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1790 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 4190 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 40.4 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 201 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 27 (0.5') (H255387-27)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/30/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/30/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1660 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 4360 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 43.5 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 116 % 44.4-145

Surrogate: 1-Chlorooctadecane 220 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 28 (0.5') (H255387-28)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/30/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/30/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1630 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 2080 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 17.2 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 166 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 29 (0.5') (H255387-29)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/30/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/30/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/30/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1820 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 3550 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | 26.0 | 10.0 | 08/29/2025 | ND | | | | | S-04 | |

Surrogate: 1-Chlorooctane 93.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 180 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 30 (0.5') (H255387-30)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4080 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 19.1 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 31 (0.5') (H255387-31)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4600 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 12.0 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.3 % 40.6-153

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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 32 (0.5') (H255387-32)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5200 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | QM-07 | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 15.1 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 98.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.6 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 33 (0.5') (H255387-33)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4000 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 13.5 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.0 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 34 (0.5') (H255387-34)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 8480 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 22.9 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.3 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 35 (0.5') (H255387-35)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.71 | 85.7 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.90 | 95.1 | 2.00 | 5.36 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.97 | 98.5 | 2.00 | 4.23 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.84 | 97.4 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4560 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 18.4 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 80.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 36 (0.5') (H255387-36)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4720 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 22.0 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 96.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 37 (0.5') (H255387-37)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4480 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 203 | 102 | 200 | 0.343 | | |
| DRO >C10-C28* | 21.3 | 10.0 | 08/29/2025 | ND | 184 | 91.8 | 200 | 1.24 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 91.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.5 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 38 (0.5') (H255387-38)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4240 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 14.6 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 91.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.4 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 39 (0.5') (H255387-39)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3120 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 100 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 18.5 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.4 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 40 (0.5') (H255387-40)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3520 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 19.6 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 41 (0.5') (H255387-41)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3920 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 15.0 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.8 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 42 (0.5') (H255387-42)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3520 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 11.9 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.3 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 43 (0.5') (H255387-43)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3760 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 26.3 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 16.8 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 76.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.4 % 40.6-153

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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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 44 (0.5') (H255387-44)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 640 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 895 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 104 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 93.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 138 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 45 (0.5') (H255387-45)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 720 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 926 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 96.2 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 84.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 126 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 46 (0.5') (H255387-46)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 688 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 745 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 101 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 134 % 40.6-153

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

Analytical Results For:

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

Received: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 47 (0.5') (H255387-47)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 640 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 667 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 87.1 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 82.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 48 (0.5') (H255387-48)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 608 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 717 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 86.0 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 85.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 49 (0.5') (H255387-49)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 608 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 818 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 92.3 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 148 % 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: 08/28/2025 Sampling Date: 08/28/2025
 Reported: 09/03/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Shalyn Rodriguez
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 50 (0.5') (H255387-50)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | | |
| Toluene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | | |
| Total BTEX | <0.300 | 0.300 | 08/29/2025 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 624 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | | |
| DRO >C10-C28* | 772 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | | |
| EXT DRO >C28-C36 | 97.9 | 10.0 | 08/29/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 87.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 132 % 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: | 08/28/2025 | Sampling Date: | 08/28/2025 |
| Reported: | 09/03/2025 | Sampling Type: | Soil |
| Project Name: | SANDRA JEAN 23 FED COM (06.9.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2760 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | CIMAREX-LEA COUNTY, NEW MEXICO | | |

Sample ID: CS - 51 (0.5') (H255387-51)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|-------------------|--|--------------|-----------------|------------------------|--------------|------|------------|---------------|------|-----------|
| Analyte | | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | |
| Toluene* | | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | |
| Ethylbenzene* | | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | |
| Total Xylenes* | | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | |
| Total BTEX | | <0.300 | 0.300 | 08/29/2025 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|-----------------------------|--|--------------|-----------------|------------------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | | 6000 | 16.0 | 08/29/2025 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|--|--------------|-----------------|------------------------|--------------|-----|------------|---------------|------|-------------|
| Analyte | | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | |
| DRO >C10-C28* | | 2110 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | |
| EXT DRO >C28-C36 | | 987 | 10.0 | 08/29/2025 | ND | | | | | S-04 |

Surrogate: 1-Chlorooctane 99.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 178 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 08/28/2025 | Sampling Date: | 08/28/2025 |
| Reported: | 09/03/2025 | Sampling Type: | Soil |
| Project Name: | SANDRA JEAN 23 FED COM (06.9.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2760 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | CIMAREX-LEA COUNTY, NEW MEXICO | | |

Sample ID: CS - 52 (0.5') (H255387-52)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|-------------------|--|--------------|-----------------|------------------------|--------------|------|------------|---------------|------|-----------|
| Analyte | | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | | <0.050 | 0.050 | 08/29/2025 | ND | 1.75 | 87.6 | 2.00 | 5.77 | |
| Toluene* | | <0.050 | 0.050 | 08/29/2025 | ND | 1.89 | 94.6 | 2.00 | 4.93 | |
| Ethylbenzene* | | <0.050 | 0.050 | 08/29/2025 | ND | 1.91 | 95.4 | 2.00 | 3.61 | |
| Total Xylenes* | | <0.150 | 0.150 | 08/29/2025 | ND | 5.90 | 98.3 | 6.00 | 3.36 | |
| Total BTEX | | <0.300 | 0.300 | 08/29/2025 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|-----------------------------|--|--------------|-----------------|------------------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | | 5440 | 16.0 | 08/29/2025 | ND | 432 | 108 | 400 | 0.00 | QM-07 |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|--|--------------|-----------------|------------------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | | <10.0 | 10.0 | 08/29/2025 | ND | 198 | 99.2 | 200 | 2.38 | |
| DRO >C10-C28* | | 1390 | 10.0 | 08/29/2025 | ND | 209 | 105 | 200 | 1.58 | |
| EXT DRO >C28-C36 | | 623 | 10.0 | 08/29/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 132 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

 Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H255387

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| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com & ashton.thielke@coterra.com |

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

| Project Name: | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | Preservative Codes | | | | | |
|-----------------------|---|----------------------|---|----------------------------------|---|------------|-----------------------------|---------------|---|---|--------------------|------|--|--|----|---|
| | 2760 | 72 hr. | | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 4500 | | | | | | | | |
| Project Number: | Lea County, New Mexico | | Sampler's Name: | FV | | | | | | | | Hold | | | | |
| Project Location: | | | PO #: | | | | | | | | | | | | | |
| SAMPLE RECEIPT | | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | | | | | |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | | 140 | | | | | | | | | | | | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: | | 10.3 | | | | | | | | | | | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: | | 3.9 | | | | | | | | | | | | |
| Total Containers: | | | Corrected Temperature: | | 4.2 | | | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | | | | | | | | |
| CS-1(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | 1 |
| CS-2(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | 2 |
| CS-3(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | 3 | |
| CS-4(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | 4 | |
| CS-5(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | 5 | |
| CS-6(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | 6 | |
| CS-7(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | 7 | |
| CS-8(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | 8 | |
| CS-9(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | 9 | |
| CS-10(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | 10 | |

Comments:

Relinquished by: (Signature)

J. Brian Vayner

Date/Time

8-28-25 13:59

Received by: (Signature)

S. Rodriguez

Date/Time

Chain of Custody

Work Order No: H255387

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| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com & ashton.thielke@coterra.com |

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

| Project Name: | | Sandra Jean 23 Fed Com (06.09.2025) | | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | Preservative Codes | |
|---|---|-------------------------------------|---|-------------|---|------------|------------------|-----------------------------|---------------|---|--|--|--------------------|--|
| Project Number: | 2760 | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | Due Date: | 72 hr. | | | | | | | | | |
| Project Location | Lea County, New Mexico | | | | | | | | | | | | | |
| Sampler's Name: | FV | | | | | | | | | | | | | |
| PO #: | | | | | | | | | | | | | | |
| SAMPLE RECEIPT | | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters | BTEX 8021B | TPH 8016M (GRO + DRO + MRO) | Chloride 4500 | | | | | |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | Thermometer ID: 140 | | | | | | | | | | | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | Correction Factor: 10.3 | | | | | | | | | | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | Temperature Reading: 3.9 | | | | | | | | | | | |
| Total Containers: | | | Corrected Temperature: 42 | | | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | | | | | | |
| CS-11(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-12(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-13(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-14(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-15(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-16(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-17(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-18(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-19(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-20(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| Comments: 11 12 13 14 15 16 17 18 19 20 | | | | | | | | | | | | | | |

Comments:

| | | | |
|------------------------------|---------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
| <i>Fabian Hayes</i> | 8/28/25 13:09 | <i>Shrod Rigney</i> | |
| | | | |
| | | | |
| | | | |

Chain of Custody

Work Order No: H25538

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| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com & ashton.thielke@coterra.com |

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

| Project Name: | | Sandra Jean 23 Fed Com (06.09.2025) | | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes | | | | | | | | |
|-----------------------|-----------|---|-----------------------------|---|--|------------------------|------------------------------|--|------------|-------------------------------|--|---------------|--|--|--|--|--------------------|----|--|--|------|--|--|-----------------|--|
| Project Number: | | 2760 | | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> kush | | | | | | | | | | | | | | | | | | | | |
| Project Location | | Lea County, New Mexico | | Due Date: | | 72 hr. | | | | | | | | | | | | | | | | | | | |
| Sampler's Name: | | FV | | | | | | | | | | | | | | | | | | | | | | | |
| PO #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE RECEIPT | | Temp Blank: | | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Wet Ice: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | Parameters | | | | | | | | | | | | Hold | | | | |
| Received Intact: | | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Thermometer ID: | | 40 | | | | | | | | | | | | | | | | | | | |
| Cooler Custody Seals: | | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A | | Correction Factor: | 10.3 | | | | | | | | | | | | | | | | | | |
| Sample Custody Seals: | | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A | | Temperature Reading: | 3.9 | | | | | | | | | | | | | | | | | | |
| Total Containers: | | | | | | Corrected Temperature: | 4.2 | | | | | | | | | | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | BTEX 8021B | | TPH 8015M (GRO + DRO + MRO) | | Chloride 4500 | | | | | | | | | | | | Sample Comments | |
| CS-21(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 21 | | | | | | | |
| CS-22(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 22 | | | | | | | |
| CS-23(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 23 | | | | | | | |
| CS-24(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 24 | | | | | | | |
| CS-25(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 25 | | | | | | | |
| CS-26(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 26 | | | | | | | |
| CS-27(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 27 | | | | | | | |
| CS-28(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 28 | | | | | | | |
| CS-29(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 29 | | | | | | | |
| CS-30(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | 30 | | | | | | | |

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|------------------------------|--------------|--------------------------|-----------|
| <i>Julian Vargas</i> | 8/28/25 1309 | <i>Rodriguez</i> | |
| | | | |
| | | | |
| | | | |

Chain of Custody

Work Order No: 1255387

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| | | | |
|------------------|-----------------------|-------------------------|---|
| 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 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com & ashton.thielke@coterra.com |

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

| | | | | | | | | | | | | | | | | | |
|-----------------------|-------------------------------------|---|---|--|---|------------------|-----------|------------|-----------------------------|-----------------------------|---------------|--|--|--|---|---|----------------------------|
| Project Name: | Sandra Jean 23 Fed Com (06.09.2025) | | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes | |
| Project Number: | 2760 | | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | | Due Date: | 72 hr. | | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 4500 | | | | | | None: NO |
| Project Location | Lea County, New Mexico | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me |
| Sampler's Name: | FV | | | | | | | | | | | | | | | HCL: HC | HNO ₃ : HN |
| PO #: | | | | | | | | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| SAMPLE RECEIPT | | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters | Hold | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 4500 | | | | | | H ₃ PO ₄ : HP | |
| Received Intact: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | 140 | | | | | | | | | | | | | NaHSO ₄ : NABIS |
| Cooler Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: | 10.3 | | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | | |
| Sample Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: | 3.9 | | | | | | | | | | | Zn Acetate+NaOH: Zn | | |
| Total Containers: | | | Corrected Temperature: | 4.2 | | | | | | | | | | | NaOH+Ascorbic Acid: SAPC | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | | | | | | | | Sample Comments | |
| CS-31(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 31 | |
| CS-32(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 32 | |
| CS-33(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 33 | |
| CS-34(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 34 | |
| CS-35(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 35 | |
| CS-36(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 36 | |
| CS-37(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 37 | |
| CS-38(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 38 | |
| CS-39(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 39 | |
| CS-40(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | 40 | |

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: HQ55387

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| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 Marienfeld St, Suite 600 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luiq@coterra.com & ashton.thielke@coterra.com |

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

| Project Name: | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes | | | | | | | | | | | | | | | |
|-----------------------|---|---|------------|---|------------|-----------|------------|-----------------------------|---------------|---|--|--|--|--------------------|--|--|--|-------|------------|---|---|---|--|--|--|--|--|--|--|
| | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Number: | 2760 | | Due Date: | 72 hr. | | | | | | | | | | Hold | | | | | | | | | | | | | | | |
| Project Location | Lea County, New Mexico | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler's Name: | FV | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE RECEIPT | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters | # of Cont | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 4500 | | | | | | | | | | | | | | | | | | | | |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: 140 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: 10.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Containers: | | Corrected Temperature: 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | | | | | | | | | | | | | | Water | Grab/ Comp | | | | | | | | | | |
| CS-41(0.5') | 8/28/2025 | | | X | | | | | | | | | | | | | | Comp | 1 | X | X | X | | | | | | | |
| CS-42(0.5') | 8/28/2025 | | | X | | | | | | | | | | | | | | Comp | 1 | X | X | X | | | | | | | |
| CS-43(0.5') | 8/28/2025 | | | X | | | | | | | | | | | | | | Comp | 1 | X | X | X | | | | | | | |
| CS-44(0.5') | 8/28/2025 | | | X | | | | | | | | | | | | | | Comp | 1 | X | X | X | | | | | | | |
| CS-45(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | | | | | | | | | | | | |
| CS-46(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | | | | | | | | | | | | |
| CS-47(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | | | | | | | | | | | | |
| CS-48(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | | | | | | | | | | | | |
| CS-49(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | | | | | | | | | | | | |
| CS-50(0.5') | 8/28/2025 | | | X | | Comp | 1 | X | X | X | | | | | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
| <i>Fatima Vargas</i> | 8-28-25 1309 | <i>Shrodionna</i> | |
| | | | |
| | | | |
| | | | |

Chain of Custody

Work Order No: 16255387

Page 60 of 60

| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 Marienfeld St, Suite 600 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com & ashton.thielke@coterra.com |

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

| | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|----------------------------------|---|------------|------------------|-----------|------------|-----------------------------|---------------|--|--|--|--|--|--------------------|--|--|--|--|
| Project Name: | Sandra Jean 23 Fed Corn (06.09.2025) | | Turn Around | | Parameters | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes | | | | |
| Project Number: | 2760 | | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | | Pres. Code | | | | | | | | | | | | | | |
| Project Location | Lea County, New Mexico | | Due Date: | 72 hr. | | | | | | | | | | | | | | | | |
| Sampler's Name: | FV | | | | | | | | | | | | | | | | | | | |
| PO #: | | | | | | | | | | | | | | | | | | | | |
| SAMPLE RECEIPT | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | | 40 | | | | | | | | | | | | | | | | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: | | 10.3 | | | | | | | | | | | | | | | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: | | 3.9 | | | | | | | | | | | | | | | | |
| Total Containers: | | Corrected Temperature: | | 4.2 | | | | | | | | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 4500 | | | | | | | | | | |
| CS-51(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | | | | | |
| CS-52(0.5') | | 8/28/2025 | | X | | Comp | 1 | X | X | X | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | |

| | | | |
|------------------------------|---------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
| Jatin Vargas | 8-28-25 13:09 | Spencer Vargas | |
| | | | |
| | | | |
| | | | |



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

September 26, 2025

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

RE: SANDRA JEAN 23 FED COM (06.9.2025)

Enclosed are the results of analyses for samples received by the laboratory on 09/23/25 12:30.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 19 (0.75') (H255950-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2800 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 57.5 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 18.6 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 87.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 20 (0.75') (H255950-02)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KH | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2440 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 61.5 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 25.9 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 90.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 21 (0.75') (H255950-03)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2480 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | QM-07 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 106 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 35.8 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 85.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.3 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 22 (0.75') (H255950-04)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2560 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 121 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 45.2 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 92.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.6 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 23 (0.75') (H255950-05)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2400 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 135 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 52.1 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 24 (0.75') (H255950-06)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2050 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 127 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 49.6 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.1 % 39.9-141

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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: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 25 (0.75') (H255950-07)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2700 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 39.7 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 11.6 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.0 % 39.9-141

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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: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 26 (0.75') (H255950-08)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2370 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 85.4 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 29.1 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 90.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.6 % 39.9-141

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Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 27 (0.75') (H255950-09)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2430 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 90.6 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 25.0 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.0 % 39.9-141

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Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 28 (0.75') (H255950-10)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2480 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 105 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 36.6 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 94.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.7 % 39.9-141

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Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 29 (0.75') (H255950-11)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2880 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | 118 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | 44.0 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.7 % 39.9-141

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Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 51 (0.75') (H255950-12)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2600 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/23/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/23/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/23/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.9 % 39.9-141

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Analytical Results For:

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

Received: 09/23/2025 Sampling Date: 09/23/2025
 Reported: 09/26/2025 Sampling Type: Soil
 Project Name: SANDRA JEAN 23 FED COM (06.9.2025) Sampling Condition: Cool & Intact
 Project Number: 2760 Sample Received By: Tamara Oldaker
 Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 52 (0.75') (H255950-13)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.95 | 97.7 | 2.00 | 2.04 | | |
| Toluene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.93 | 96.7 | 2.00 | 2.01 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/23/2025 | ND | 1.89 | 94.6 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/23/2025 | ND | 5.52 | 92.1 | 6.00 | 1.19 | | |
| Total BTEX | <0.300 | 0.300 | 09/23/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 70.4-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2760 | 16.0 | 09/24/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 09/24/2025 | ND | 220 | 110 | 200 | 2.23 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2025 | ND | 235 | 117 | 200 | 0.402 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 92.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

| | |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H255950

Page 16 of 17

| | | | |
|------------------|-----------------------|-------------------------|---|
| 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 Marienfeld St, Suite 600 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | <u>laci.luig@coterra.com & ashton.thielke@coterra.com</u> |

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

| Project Name: | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes |
|-----------------------|----------------------------------|--|------------------------|------------------|---------------|------------|-----------|------------|------------------------------|---------------|--|--|--|--------------------|
| | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | | Due Date: | 72 hr. | | | | | | | | | |
| Project Number: | 2760 | | | | | | | | | | | | | |
| Project Location: | Lea County, New Mexico | | | | | | | | | | | | | |
| Sampler's Name: | FV | | | | | | | | | | | | | |
| PO #: | | | | | | | | | | | | | | |
| SAMPLE RECEIPT | | Temp Blank: | Yes <u>No</u> | Wet Ice: | Yes <u>No</u> | | | | | | | | | |
| Received Intact: | Yes <u>No</u> | | Thermometer ID: | | #140 | | | | | | | | | |
| Cooler Custody Seals: | Yes <u>No</u> | <u>N/A</u> | Correction Factor: | | +0.3°C | | | | | | | | | |
| Sample Custody Seals: | Yes <u>No</u> | <u>N/A</u> | Temperature Reading: | | <u>31.0</u> | | | | | | | | | |
| Total Containers: | | | Corrected Temperature: | | <u>31.4</u> | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 4500 | | | | |
| CS-19 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-20 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-21 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-22 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-23 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-24 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-25 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-26 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |
| CS-27 (0.75') | 9/23/2025 | | | X* | | Comp | 1 | X | X | X | | | | |
| CS-28 (0.75') | 9/23/2025 | | | X | | Comp | 1 | X | X | X | | | | |

Comments:

| | | | |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
| <u>Fatima Dwyer</u> | 9-23-25 1230 | <u>Sandra Jean</u> | |
| | | | |
| | | | |
| | | | |



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 9/30/2025 3:53:09 PM

JOB DESCRIPTION

Sandra Jean 23 fed Com (06.09.2025)
Lea County, New Mexico

JOB NUMBER

880-63209-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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
9/30/2025 3:53:09 PM

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

Client: Carmona Resources
 Project/Site: Sandra Jean 23 fed Com (06.09.2025)

Laboratory Job ID: 880-63209-1
 SDG: Lea County, New Mexico

Table of Contents

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Definitions/Glossary

Client: Carmona Resources
 Project/Site: Sandra Jean 23 fed Com (06.09.2025)

Job ID: 880-63209-1
 SDG: Lea County, New Mexico

Qualifiers

GC VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| U | Indicates the analyte was analyzed for but not detected. |

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| U | 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 |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| 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) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| 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 |

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Case Narrative

Client: Carmona Resources
 Project: Sandra Jean 23 fed Com (06.09.2025)

Job ID: 880-63209-1

Job ID: 880-63209-1

Eurofins Midland

Job Narrative 880-63209-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 9/29/2025 5:02 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.2°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-120050 and analytical batch 880-120055 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.

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

Diesel Range Organics

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.

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Client Sample Results

Client: Carmona Resources
 Project/Site: Sandra Jean 23 fed Com (06.09.2025)

Job ID: 880-63209-1
 SDG: Lea County, New Mexico

Client Sample ID: Backfill

Lab Sample ID: 880-63209-1

Date Collected: 09/29/25 00:00
 Date Received: 09/29/25 17:02

Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|----------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 13:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 13:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 13:36 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 13:36 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 13:36 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 13:36 | 1 |
| Surrogate | | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | | 106 | | 70 - 130 | | | 09/30/25 08:19 | 09/30/25 13:36 | 1 |
| 1,4-Difluorobenzene (Surr) | | 110 | | 70 - 130 | | | 09/30/25 08:19 | 09/30/25 13:36 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 09/30/25 13:36 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 09/30/25 15:02 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 09/29/25 08:06 | 09/30/25 15:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 09/29/25 08:06 | 09/30/25 15:02 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 09/29/25 08:06 | 09/30/25 15:02 | 1 |
| Surrogate | | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | | 86 | | 70 - 130 | | | 09/29/25 08:06 | 09/30/25 15:02 | 1 |
| o-Terphenyl (Surr) | | 86 | | 70 - 130 | | | 09/29/25 08:06 | 09/30/25 15:02 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 20.7 | | 1.98 | | mg/Kg | | | 09/30/25 10:58 | 1 |

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-63209-1

Project/Site: Sandra Jean 23 fed Com (06.09.2025)

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) | | | | | | | | | |
|---------------------|------------------------|------------------|-------------------|--|--|--|--|--|--|--|--|--|
| 880-63209-1 | Backfill | 106 | 110 | | | | | | | | | |
| 880-63209-1 MS | Backfill | 103 | 102 | | | | | | | | | |
| 880-63209-1 MSD | Backfill | 100 | 97 | | | | | | | | | |
| LCS 880-120050/1-A | Lab Control Sample | 104 | 98 | | | | | | | | | |
| LCSD 880-120050/2-A | Lab Control Sample Dup | 90 | 104 | | | | | | | | | |
| MB 880-120050/5-A | Method Blank | 103 | 96 | | | | | | | | | |

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | | |
|---------------------|------------------------|------------------|-------------------|--|--|--|--|--|--|--|--|--|
| 880-63209-1 | Backfill | 86 | 86 | | | | | | | | | |
| 890-8871-A-28-B MS | Matrix Spike | 71 | 78 | | | | | | | | | |
| 890-8871-A-28-C MSD | Matrix Spike Duplicate | 86 | 78 | | | | | | | | | |
| LCS 880-119939/2-A | Lab Control Sample | 96 | 92 | | | | | | | | | |
| LCSD 880-119939/3-A | Lab Control Sample Dup | 98 | 93 | | | | | | | | | |
| MB 880-119939/1-A | Method Blank | 85 | 88 | | | | | | | | | |

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-63209-1

Project/Site: Sandra Jean 23 fed Com (06.09.2025)

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-120050/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120055

Prep Batch: 120050

| Analyte | MB | MB | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|----------|-----------|-----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | | | |
| Benzene | <0.00200 | U | 0.00200 | | 0.00200 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 11:38 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | 0.00200 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 11:38 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | 0.00200 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 11:38 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | 0.00400 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 11:38 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | 0.00200 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 11:38 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | 0.00400 | | mg/Kg | | 09/30/25 08:19 | 09/30/25 11:38 | 1 |
| Surrogate | MB | MB | %Recovery | Qualifier | Limits | | | D | Prepared | Analyzed | Dil Fac |
| | Result | Qualifier | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | | | | | | 09/30/25 08:19 | 09/30/25 11:38 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | | | 09/30/25 08:19 | 09/30/25 11:38 | 1 |

Lab Sample ID: LCS 880-120050/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120055

Prep Batch: 120050

| Analyte | Spikes | LCS | LCS | Added | Result | Qualifier | Unit | D | %Rec | Limits | %Rec |
|-----------------------------|--------|-----------|-----------|-----------|---------|-----------|-------|---|------|----------|------|
| | Added | Result | Qualifier | | | | | | | | |
| Benzene | | | | 0.100 | 0.07501 | | mg/Kg | | 75 | 70 - 130 | |
| Toluene | | | | 0.100 | 0.08320 | | mg/Kg | | 83 | 70 - 130 | |
| Ethylbenzene | | | | 0.100 | 0.09407 | | mg/Kg | | 94 | 70 - 130 | |
| m-Xylene & p-Xylene | | | | 0.200 | 0.1941 | | mg/Kg | | 97 | 70 - 130 | |
| o-Xylene | | | | 0.100 | 0.09732 | | mg/Kg | | 97 | 70 - 130 | |
| Surrogate | LCS | LCS | %Recovery | Qualifier | Limits | | | D | %Rec | Limits | %Rec |
| | Result | Qualifier | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | | | | | |

Lab Sample ID: LCSD 880-120050/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120055

Prep Batch: 120050

| Analyte | Spikes | LCSD | LCSD | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD |
|-----------------------------|--------|-----------|-----------|-----------|---------|-----------|-------|---|------|----------|-------|
| | Added | Result | Qualifier | | | | | | | | |
| Benzene | | | | 0.100 | 0.07966 | | mg/Kg | | 80 | 70 - 130 | 6 |
| Toluene | | | | 0.100 | 0.08132 | | mg/Kg | | 81 | 70 - 130 | 2 |
| Ethylbenzene | | | | 0.100 | 0.08790 | | mg/Kg | | 88 | 70 - 130 | 7 |
| m-Xylene & p-Xylene | | | | 0.200 | 0.1769 | | mg/Kg | | 88 | 70 - 130 | 9 |
| o-Xylene | | | | 0.100 | 0.08777 | | mg/Kg | | 88 | 70 - 130 | 10 |
| Surrogate | LCSD | LCSD | %Recovery | Qualifier | Limits | | | D | %Rec | Limits | Limit |
| | Result | Qualifier | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 880-63209-1 MS

Client Sample ID: Backfill

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120055

Prep Batch: 120050

| Analyte | Sample | Sample | Spikes | Added | Result | MS | MS | Unit | D | %Rec | Limits |
|---------|----------|-----------|--------|-------|---------|----|----|-------|---|------|----------|
| | Result | Qualifier | Added | | | | | | | | |
| Benzene | <0.00200 | U F1 | 0.100 | | 0.06771 | F1 | | mg/Kg | | 68 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | | 0.07556 | | | mg/Kg | | 76 | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-63209-1

Project/Site: Sandra Jean 23 fed Com (06.09.2025)

SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63209-1 MS

Matrix: Solid

Analysis Batch: 120055

Client Sample ID: Backfill

Prep Type: Total/NA

Prep Batch: 120050

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec |
|---------------------|----------|-----------|-------|---------|-----------|-------|---|------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.07924 | | mg/Kg | | 79 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1612 | | mg/Kg | | 81 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07956 | | mg/Kg | | 80 | 70 - 130 |

MS MS

| Surrogate | MS | MS | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 |

Lab Sample ID: 880-63209-1 MSD

Matrix: Solid

Analysis Batch: 120055

Client Sample ID: Backfill

Prep Type: Total/NA

Prep Batch: 120050

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec |
|---------------------|----------|-----------|-------|---------|-----------|-------|---|------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | |
| Benzene | <0.00200 | U F1 | 0.100 | 0.06446 | F1 | mg/Kg | | 64 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.07082 | | mg/Kg | | 71 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.07451 | | mg/Kg | | 75 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1539 | | mg/Kg | | 77 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07591 | | mg/Kg | | 76 | 70 - 130 |

MSD MSD

| Surrogate | MSD | MSD | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 |

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

Lab Sample ID: MB 880-119939/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120071

Prep Batch: 119939

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 09/29/25 08:06 | 09/30/25 03:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 09/29/25 08:06 | 09/30/25 03:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 09/29/25 08:06 | 09/30/25 03:19 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 | 09/29/25 08:06 | 09/30/25 03:19 | 1 |
| o-Terphenyl (Surr) | 88 | | 70 - 130 | 09/29/25 08:06 | 09/30/25 03:19 | 1 |

Lab Sample ID: LCS 880-119939/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120071

Prep Batch: 119939

| Analyte | Spike | LCS | LCS | Unit | D | %Rec | %Rec |
|--------------------------------------|-------|--------|-----------|-------|---|------|----------|
| | Added | Result | Qualifier | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 876.9 | | mg/Kg | | 88 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 833.4 | | mg/Kg | | 83 | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-63209-1

Project/Site: Sandra Jean 23 fed Com (06.09.2025)

SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-119939/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120071

Prep Batch: 119939

| Surrogate | LCS | LCS | |
|----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | Limits |
| 1-Chlorooctane (Surr) | 96 | | 70 - 130 |
| <i>o</i> -Terphenyl (Surr) | 92 | | 70 - 130 |

Lab Sample ID: LCSD 880-119939/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120071

Prep Batch: 119939

| Analyte | | Spike | LCSD | LCSD | | | %Rec | RPD |
|--------------------------------------|--|-------|--------|-----------|-------|----|----------|-------|
| | | Added | Result | Qualifier | Unit | D | Limits | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | | 1000 | 893.9 | | mg/Kg | 89 | 70 - 130 | 2 |
| Diesel Range Organics (Over C10-C28) | | 1000 | 849.4 | | mg/Kg | 85 | 70 - 130 | 2 |

| Surrogate | LCS | LCS | |
|----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | Limits |
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 |
| <i>o</i> -Terphenyl (Surr) | 93 | | 70 - 130 |

Lab Sample ID: 890-8871-A-28-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120071

Prep Batch: 119939

| Analyte | Sample | Sample | Spike | MS | MS | | %Rec | |
|--------------------------------------|--------|-----------|-------|--------|-----------|-------|------|----------|
| | Result | Qualifier | Added | Result | Qualifier | Unit | D | Limits |
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 1000 | 877.4 | | mg/Kg | 86 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 1000 | 850.4 | | mg/Kg | 83 | 70 - 130 |

| Surrogate | MS | MS | |
|----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | Limits |
| 1-Chlorooctane (Surr) | 71 | | 70 - 130 |
| <i>o</i> -Terphenyl (Surr) | 78 | | 70 - 130 |

Lab Sample ID: 890-8871-A-28-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 120071

Prep Batch: 119939

| Analyte | Sample | Sample | Spike | MSD | MSD | | %Rec | |
|--------------------------------------|--------|-----------|-------|--------|-----------|-------|------|----------|
| | Result | Qualifier | Added | Result | Qualifier | Unit | D | Limits |
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 1000 | 886.2 | | mg/Kg | 87 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 1000 | 804.2 | | mg/Kg | 78 | 70 - 130 |

| Surrogate | MSD | MSD | |
|----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | Limits |
| 1-Chlorooctane (Surr) | 86 | | 70 - 130 |
| <i>o</i> -Terphenyl (Surr) | 78 | | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Sandra Jean 23 fed Com (06.09.2025)

Job ID: 880-63209-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-120044/1-A

Matrix: Solid

Analysis Batch: 120049

| Analyte | MB | MB | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|----------|-------|--------|-----------|----|-----|------|---|----------|----------|---------|
| | Chloride | <10.0 | | | | | | | | | |

Lab Sample ID: LCS 880-120044/2-A

Matrix: Solid

Analysis Batch: 120049

| Analyte | Spike | LC | LC | Result | Qualifier | Unit | D | %Rec | Limits | RPD |
|---------|-------|----------|-------|--------|-----------|------|----------|------|--------|-----|
| | | Chloride | Added | 248.2 | mg/Kg | 99 | 90 - 110 | 1 | 1 | 20 |

Lab Sample ID: LCSD 880-120044/3-A

Matrix: Solid

Analysis Batch: 120049

| Analyte | Spike | LCSD | LCSD | Result | Qualifier | Unit | D | %Rec | Limits | RPD |
|---------|-------|----------|-------|--------|-----------|------|----------|------|--------|-----|
| | | Chloride | Added | 250.3 | mg/Kg | 100 | 90 - 110 | 1 | 1 | 20 |

Lab Sample ID: 880-63207-A-6-B MS

Matrix: Solid

Analysis Batch: 120049

| Analyte | Sample | Sample | Spike | MS | MS | Result | Qualifier | Unit | D | %Rec | Limits | RPD |
|---------|----------|--------|-----------|-------|--------|-----------|-----------|------|----------|------|--------|-----|
| | Chloride | Result | Qualifier | Added | Result | Qualifier | mg/Kg | 96 | 90 - 110 | 1 | 1 | 20 |

Lab Sample ID: 880-63207-A-6-C MSD

Matrix: Solid

Analysis Batch: 120049

| Analyte | Sample | Sample | Spike | MSD | MSD | Result | Qualifier | Unit | D | %Rec | Limits | RPD |
|---------|----------|--------|-----------|-------|--------|-----------|-----------|------|----------|------|--------|-----|
| | Chloride | Result | Qualifier | Added | Result | Qualifier | mg/Kg | 96 | 90 - 110 | 0 | 1 | 20 |

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QC Association Summary

Client: Carmona Resources

Job ID: 880-63209-1

Project/Site: Sandra Jean 23 fed Com (06.09.2025)

SDG: Lea County, New Mexico

GC VOA

Prep Batch: 120050

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-63209-1 | Backfill | Total/NA | Solid | 5035 | 5 |
| MB 880-120050/5-A | Method Blank | Total/NA | Solid | 5035 | 6 |
| LCS 880-120050/1-A | Lab Control Sample | Total/NA | Solid | 5035 | 7 |
| LCSD 880-120050/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | 8 |
| 880-63209-1 MS | Backfill | Total/NA | Solid | 5035 | 9 |
| 880-63209-1 MSD | Backfill | Total/NA | Solid | 5035 | 10 |

Analysis Batch: 120055

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-63209-1 | Backfill | Total/NA | Solid | 8021B | 120050 |
| MB 880-120050/5-A | Method Blank | Total/NA | Solid | 8021B | 120050 |
| LCS 880-120050/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 120050 |
| LCSD 880-120050/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 120050 |
| 880-63209-1 MS | Backfill | Total/NA | Solid | 8021B | 120050 |
| 880-63209-1 MSD | Backfill | Total/NA | Solid | 8021B | 120050 |

Analysis Batch: 120121

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-63209-1 | Backfill | Total/NA | Solid | Total BTEX | 13 |

GC Semi VOA

Prep Batch: 119939

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-63209-1 | Backfill | Total/NA | Solid | 8015NM Prep | 14 |
| MB 880-119939/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | 1 |
| LCS 880-119939/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | 2 |
| LCSD 880-119939/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | 3 |
| 890-8871-A-28-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | 4 |
| 890-8871-A-28-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | 5 |

Analysis Batch: 120071

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-63209-1 | Backfill | Total/NA | Solid | 8015B NM | 119939 |
| MB 880-119939/1-A | Method Blank | Total/NA | Solid | 8015B NM | 119939 |
| LCS 880-119939/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 119939 |
| LCSD 880-119939/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 119939 |
| 890-8871-A-28-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 119939 |
| 890-8871-A-28-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 119939 |

Analysis Batch: 120125

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-63209-1 | Backfill | Total/NA | Solid | 8015 NM | 1 |

HPLC/IC

Leach Batch: 120044

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-63209-1 | Backfill | Soluble | Solid | DI Leach | 1 |
| MB 880-120044/1-A | Method Blank | Soluble | Solid | DI Leach | 2 |
| LCS 880-120044/2-A | Lab Control Sample | Soluble | Solid | DI Leach | 3 |
| LCSD 880-120044/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | 4 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-63209-1

Project/Site: Sandra Jean 23 fed Com (06.09.2025)

SDG: Lea County, New Mexico

HPLC/IC (Continued)**Leach Batch: 120044 (Continued)**

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-63207-A-6-B MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-63207-A-6-C MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 120049

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-63209-1 | Backfill | Soluble | Solid | 300.0 | 120044 |
| MB 880-120044/1-A | Method Blank | Soluble | Solid | 300.0 | 120044 |
| LCS 880-120044/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 120044 |
| LCSD 880-120044/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 120044 |
| 880-63207-A-6-B MS | Matrix Spike | Soluble | Solid | 300.0 | 120044 |
| 880-63207-A-6-C MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 120044 |

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Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Sandra Jean 23 fed Com (06.09.2025)

Job ID: 880-63209-1
 SDG: Lea County, New Mexico

Client Sample ID: Backfill

Date Collected: 09/29/25 00:00

Date Received: 09/29/25 17:02

Lab Sample ID: 880-63209-1

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 120050 | 09/30/25 08:19 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 120055 | 09/30/25 13:36 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 120121 | 09/30/25 13:36 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 120125 | 09/30/25 15:02 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 119939 | 09/29/25 08:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 120071 | 09/30/25 15:02 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 10 mL | 120044 | 09/30/25 07:46 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 120049 | 09/30/25 10:58 | CS | EET MID |

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-63209-1

Project/Site: Sandra Jean 23 fed Com (06.09.2025)

SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas | NELAP | T104704400 | 06-30-26 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|------------|
| 8015 NM | | Solid | Total TPH |
| Total BTEX | | Solid | Total BTEX |

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Eurofins Midland

Method Summary

Client: Carmona Resources
 Project/Site: Sandra Jean 23 fed Com (06.09.2025)

Job ID: 880-63209-1
 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

Eurofins Midland

Sample Summary

Client: Carmona Resources

Project/Site: Sandra Jean 23 fed Com (06.09.2025)

Job ID: 880-63209-1

SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 880-63209-1 | Backfill | Solid | 09/29/25 00:00 | 09/29/25 17:02 | Texas |

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Eurofins Midland

Chain of Custody



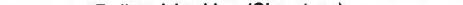
880-63209 Chain of Custody

Page 1 of 1

| | | | |
|------------------|-----------------------|-------------------------|---|
| 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 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com & ashton.thielke@coterra.com |

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

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|-----------|---|--------------|
|  | |  | 9/29/25 1702 |
| | | | |

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-63209-1
SDG Number: Lea County, New Mexico**Login Number: 63209****List Source: Eurofins Midland****List Number: 1****Creator: Vasquez, Julisa**

| Question | Answer | Comment | |
|--|--------|---------|----|
| The cooler's custody seal, if present, is intact. | N/A | | 1 |
| Sample custody seals, if present, are intact. | N/A | | 2 |
| The cooler or samples do not appear to have been compromised or tampered with. | True | | 3 |
| Samples were received on ice. | True | | 4 |
| Cooler Temperature is acceptable. | True | | 5 |
| Cooler Temperature is recorded. | True | | 6 |
| COC is present. | True | | 7 |
| COC is filled out in ink and legible. | True | | 8 |
| COC is filled out with all pertinent information. | True | | 9 |
| Is the Field Sampler's name present on COC? | True | | 10 |
| There are no discrepancies between the containers received and the COC. | True | | 11 |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | | 12 |
| Sample containers have legible labels. | True | | 13 |
| Containers are not broken or leaking. | True | | 14 |
| 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 | | |

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 511505

QUESTIONS

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 511505 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

| Prerequisites | |
|------------------|--|
| Incident ID (n#) | nAPP2516072306 |
| Incident Name | NAPP2516072306 SANDRA JEA 23 FEDERAL COM 505H @ N-23-20S-33E |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|--------------------------------|
| Site Name | SANDRA JEA 23 FEDERAL COM 505H |
| Date Release Discovered | 06/09/2025 |
| Surface Owner | Federal |

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| | |
|--|--|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Other (Specify) Crude Oil Released: 20 BBL Recovered: 20 BBL Lost: 0 BBL. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Other (Specify) Produced Water Released: 49 BBL Recovered: 40 BBL Lost: 9 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | We had a reportable release at the Sandra Jean 23 Federal Com 505H due to a failed 3/8" flex hose from the chemical line. The casing line did not have a check valve in place, allowing fluid to back flow through the 3/8" line and onto the well pad. This incident resulted in a total release of 69 barrels of fluid onto the well pad and nearby 705H well cellar. A vacuum truck was able to recover 60 barrels of fluid. In the coming weeks, we will evaluate the affected soils and implement the necessary remediation measures. |

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 2

Action 511505

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 511505 |
| | 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 | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |

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

| | |
|---|----------------------|
| Initial Response | |
| <i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i> | |
| 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 | <i>Not answered.</i> |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 10/02/2025 |
|--|--|

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QUESTIONS, Page 3

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

Action 511505

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 511505 |
| | 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 approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|---------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Greater than 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 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 | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|-------|
| Requesting a remediation plan approval with this submission | Yes |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i> | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 15200 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 1022 |
| GRO+DRO (EPA SW-846 Method 8015M) | 926 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

| | |
|---|------------|
| On what estimated date will the remediation commence | 08/25/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 09/23/2025 |
| On what date will (or was) the remediation complete(d) | 09/23/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 0 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 0 |
| What is the estimated surface area (in square feet) that will be remediated | 20654 |
| What is the estimated volume (in cubic yards) that will be remediated | 442 |

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 511505

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 511505 |
| | 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 | fEEM0112342028 LEA LAND LANDFILL |
| OR which OCD approved well (API) will be used for off-site disposal | <i>Not answered.</i> |
| OR is the off-site disposal site, to be used, out-of-state | <i>Not answered.</i> |
| OR is the off-site disposal site, to be used, an NMED facility | <i>Not answered.</i> |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | <i>Not answered.</i> |
| (In Situ) Soil Vapor Extraction | <i>Not answered.</i> |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | <i>Not answered.</i> |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | <i>Not answered.</i> |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | <i>Not answered.</i> |
| Ground Water Abatement pursuant to 19.15.30 NMAC | <i>Not answered.</i> |
| OTHER (Non-listed remedial process) | <i>Not answered.</i> |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I 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: 10/02/2025 |
|--|--|

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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QUESTIONS, Page 5

Action 511505

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 511505 |
| | 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 |
|--|----|

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QUESTIONS, Page 6

Action 511505

State of New Mexico
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QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 511505 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 507399 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 09/23/2025 |
| What was the (estimated) number of samples that were to be gathered | 13 |
| What was the sampling surface area in square feet | 12000 |

| Remediation Closure Request | |
|--|---|
| <i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i> | |
| Requesting a remediation closure approval with this submission | 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 | 20654 |
| What was the total volume (cubic yards) remediated | 442 |
| 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 | 0 |
| What was the total volume (in cubic yards) reclaimed | 0 |
| Summarize any additional remediation activities not included by answers (above) | Contamination was removed from the site that exceeded remediation thresholds for GW>100'. All contaminated material was sent to LeaLand. Area was scraped to depths ranging from 0.5-0.75'. Due to excavation being a scrape and less than 1.0' deep, sidewall samples were unable to be collected. Horizontal samples were collected in place. |

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 10/02/2025 |
|--|--|

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QUESTIONS, Page 7

Action 511505

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 511505 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| |
|---|
| Reclamation Report <i>Only answer the questions in this group if all reclamation steps have been completed.</i> |
| Requesting a reclamation approval with this submission <input type="checkbox"/> No |

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CONDITIONS

Action 511505

CONDITIONS

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 511505 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| nvelez | None | 12/5/2025 |