



SITE INFORMATION

Closure Report
Crawford 27-26 Fee
Incident ID: nAPP2109256031
Eddy County, New Mexico
Unit D Sec 27 T24S R26E
32.192258°, -104.2862066°

Point of Release:
Leak on the 10" trunk line, discharge side of the inlet scrubbers
Release Date: 04/02/2021
Volume Released: 31 Barrels of Produced Water
Volume Recovered: 25 Barrels of Produced Water

CARMONA RESOURCES



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

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



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June 20, 2023

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

Re: Closure Report
Crawford 27-26 Fee
Incident ID: nAPP2109256031
Cimarex Energy Co.
Site Location: Unit D, S27, T24S, R26E
(Lat 32.192258°, Long -104.2862066°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Cimarex Energy Co. (Cimarex), Carmona Resources, LLC has prepared this letter to document site activities for the Crawford 27-26 Fee. The site is located at 32.192258°, -104.2862066° within Unit D, S27, T24S, R26E, in Eddy 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 leak was discovered on April 2, 2021, caused by internal corrosion on the 10" trunk line of the discharge side of the inlet scrubbers. It resulted in approximately thirty-one (31) barrels of produced water, and twenty-five (25) barrels of produced water were recovered. The impacted area is located on the pad. Refer to Figure 3 for a spill overview. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is approximately 0.71 miles Southeast of the site in S27, T24S, R26E and was drilled in 1957. The well has a reported depth to groundwater of 30' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

On May 8, 2023, and May 9, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts. To assess the vertical and horizontal extent, eleven (11) test trenches and ten (10) horizontal sample points were advanced to depths ranging from the surface to 5.0' below ground surface



(bgs) inside the area of concern. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 1.

5.0 Remediation Activities

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 email on May 23, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of T-2, T-4, T-6, T-11 & H-3 were excavated to a depth of 2.0' bgs. The area of T-3 was excavated to a depth of 3.0' bgs. The area of T-5 was excavated to a depth of 4.5' bgs. A total of twenty-four (24) confirmation floor samples (CS-1 through CS-24) and twenty-two (22) sidewall samples (SW-1 through SW-22) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA Method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 580 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and Cimarex formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

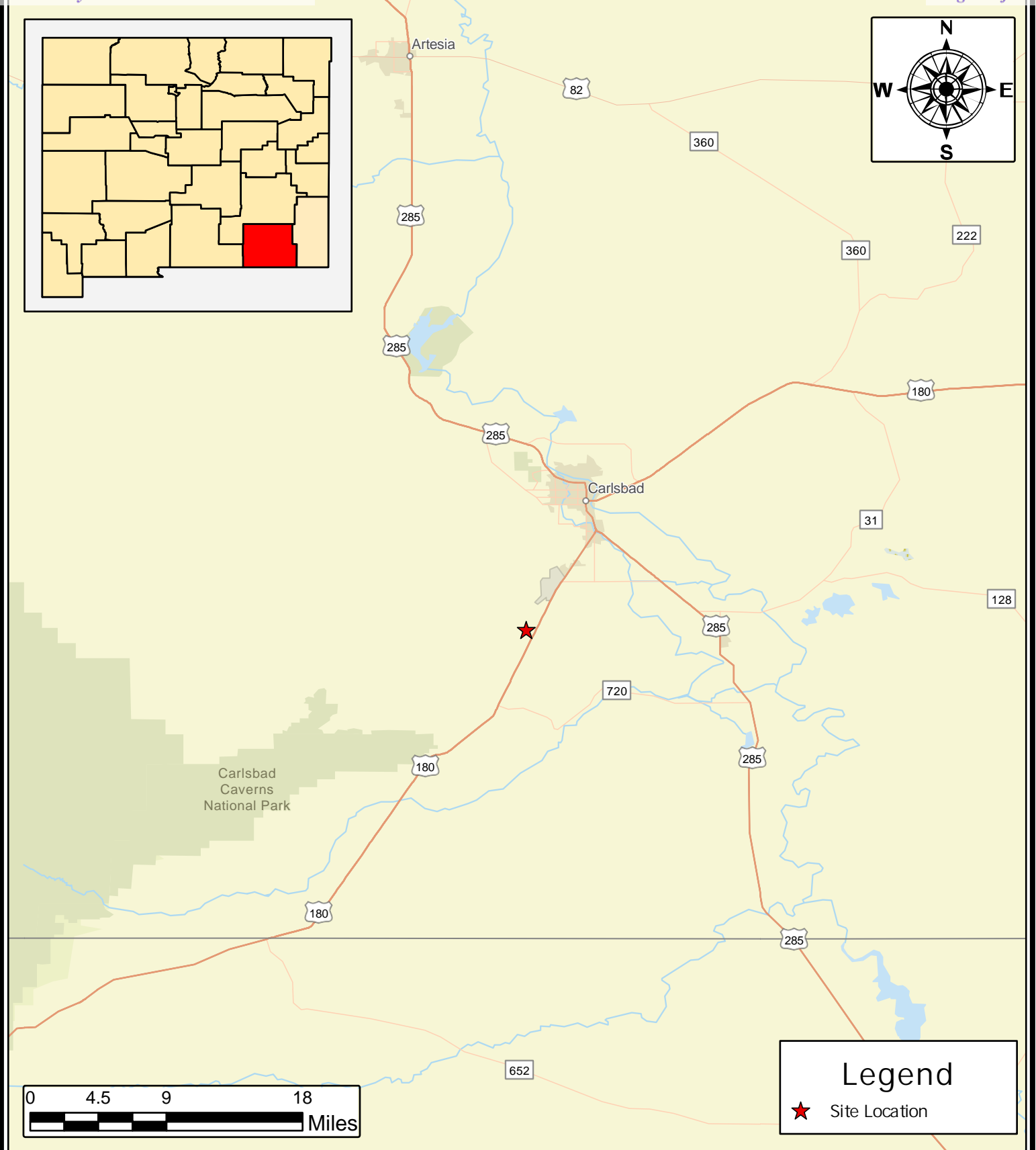
Ashton Thielke
Sr. Project Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP
CIMAREX ENERGY CO.
CRAWFORD 27-26 FEE
EDDY COUNTY, NEW MEXICO
32.192258, -104.2862066

SCALE: As Shown

Date: 6/12/2023



Carmona Resources
310 West Wall Street, Suite 500
Midland, Texas 79701

NOTES:

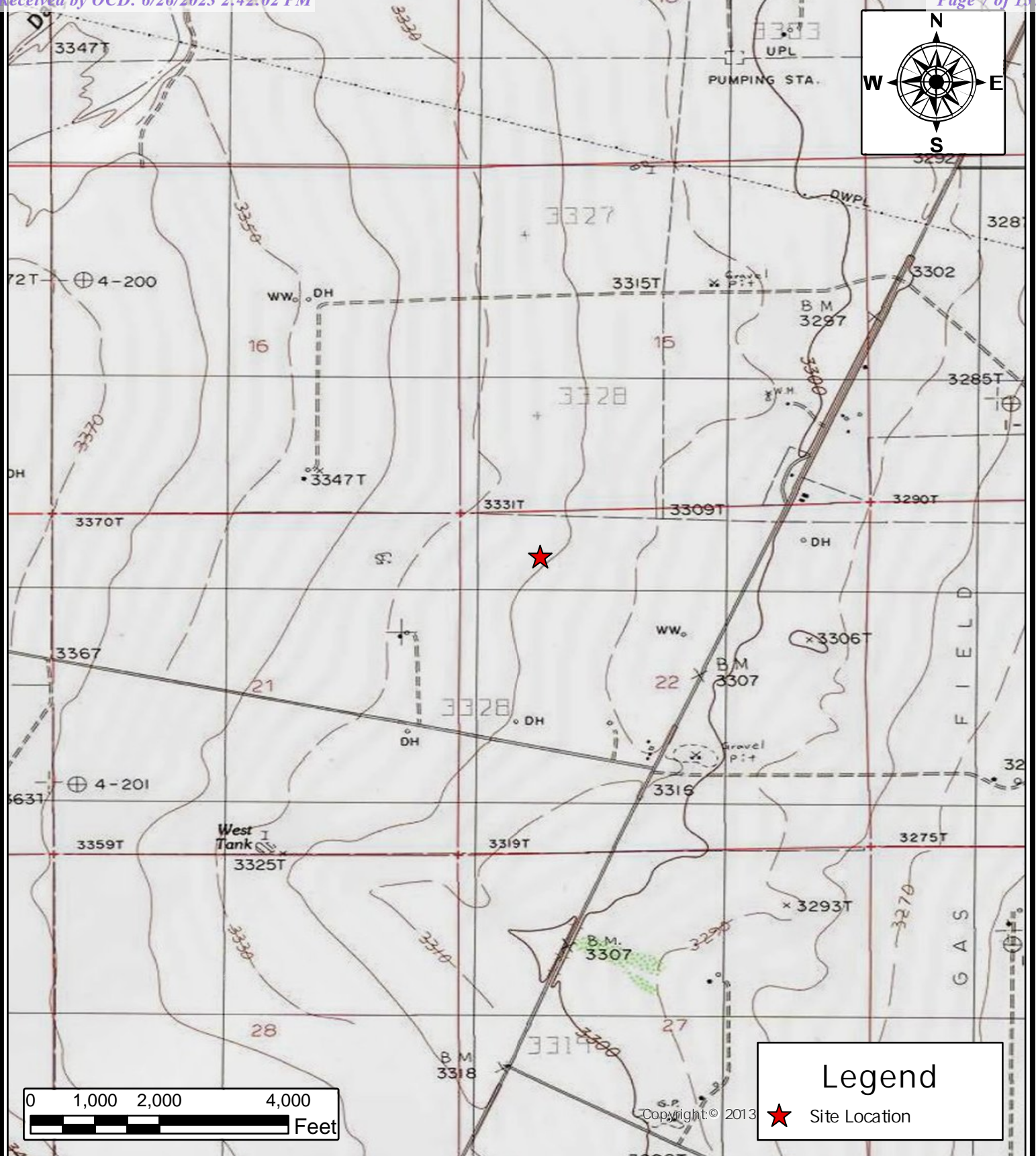
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2. Map Projection: WGS84

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1



TOPOGRAPHIC MAP
CIMAREX ENERGY CO.
CRAWFORD 27-26 FEE
EDDY COUNTY, NEW MEXICO
32.192258, -104.2862066

SCALE: As Shown Date: 6/12/2023

CARMONA RESOURCES

Carmona Resources
310 West Wall Street, Suite 500
Midland, Texas 79701

NOTES:

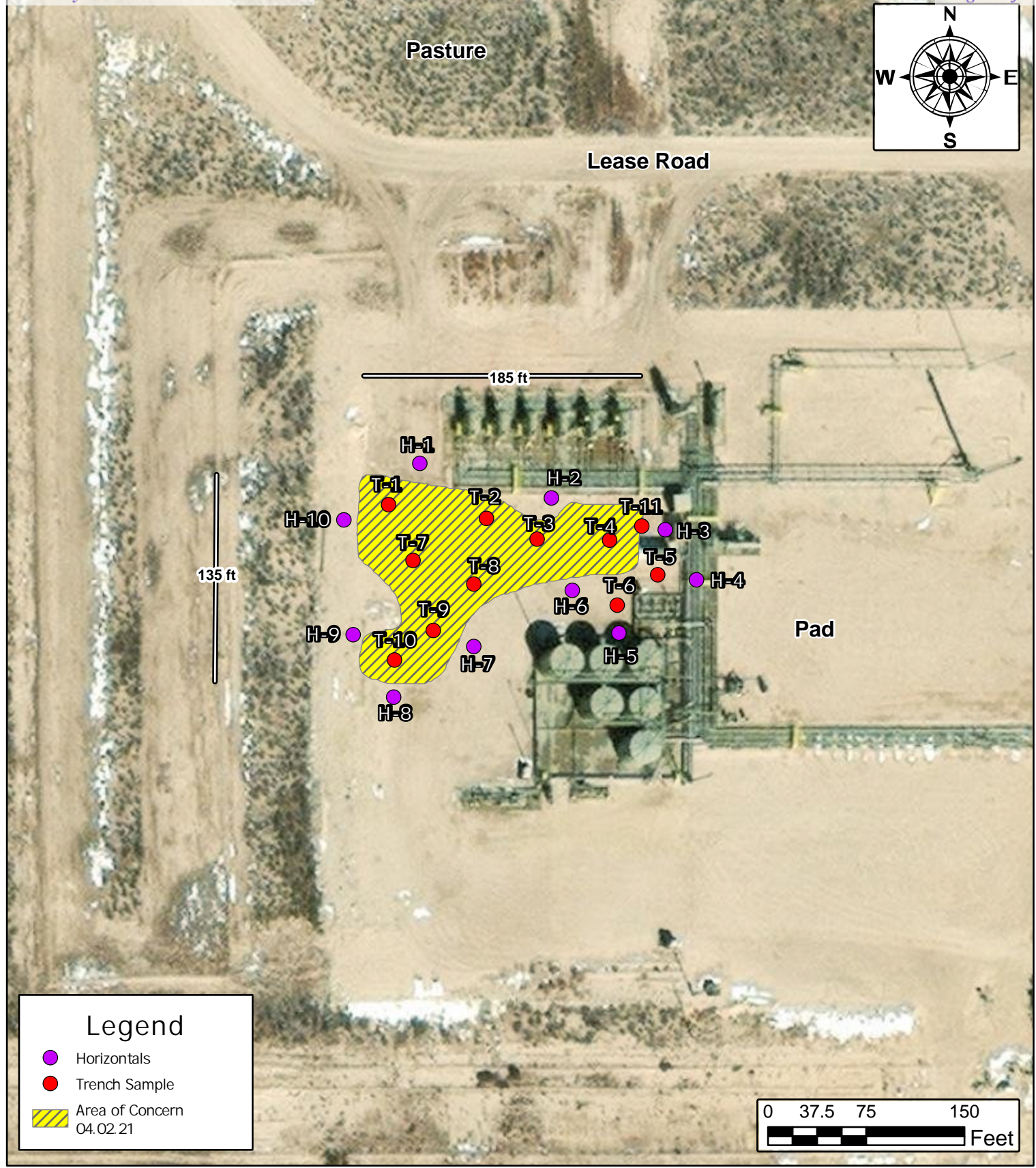
1. Base Image: ESRI Maps & Data 2023
2. Map Projection: WGS84

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



SAMPLE LOCATION MAP
CIMAREX ENERGY CO.
CRAWFORD 27-26 FEE (04.02.2021)
EDDY COUNTY, NEW MEXICO
32.192258, -104.2862066

SCALE: As Shown

Date: 6/20/2023

CARMONA RESOURCES



Carmona Resources
310 West Wall Street, Suite 500
Midland, Texas 79701

NOTES:

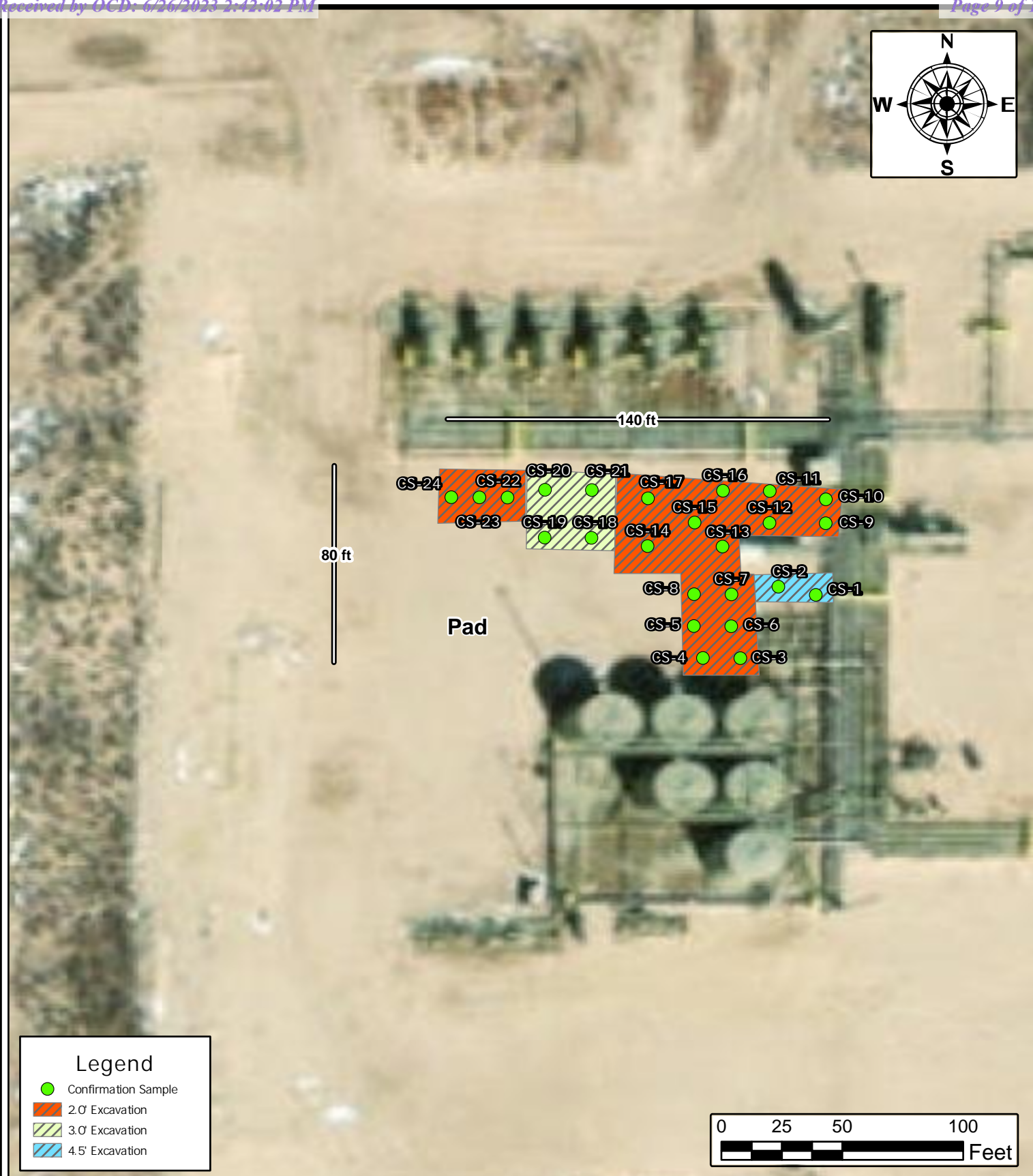
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2. Map Projection: WGS84

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



EXCAVATION DEPTH MAP
CIMAREX ENERGY CO.
 CRAWFORD 27-26 FEE
 EDDY COUNTY, NEW MEXICO
 32.192258, -104.2862066

SCALE: As Shown

Date: 6/14/2023



Carmona Resources
 310 West Wall Street, Suite 500
 Midland, Texas 79701

NOTES:

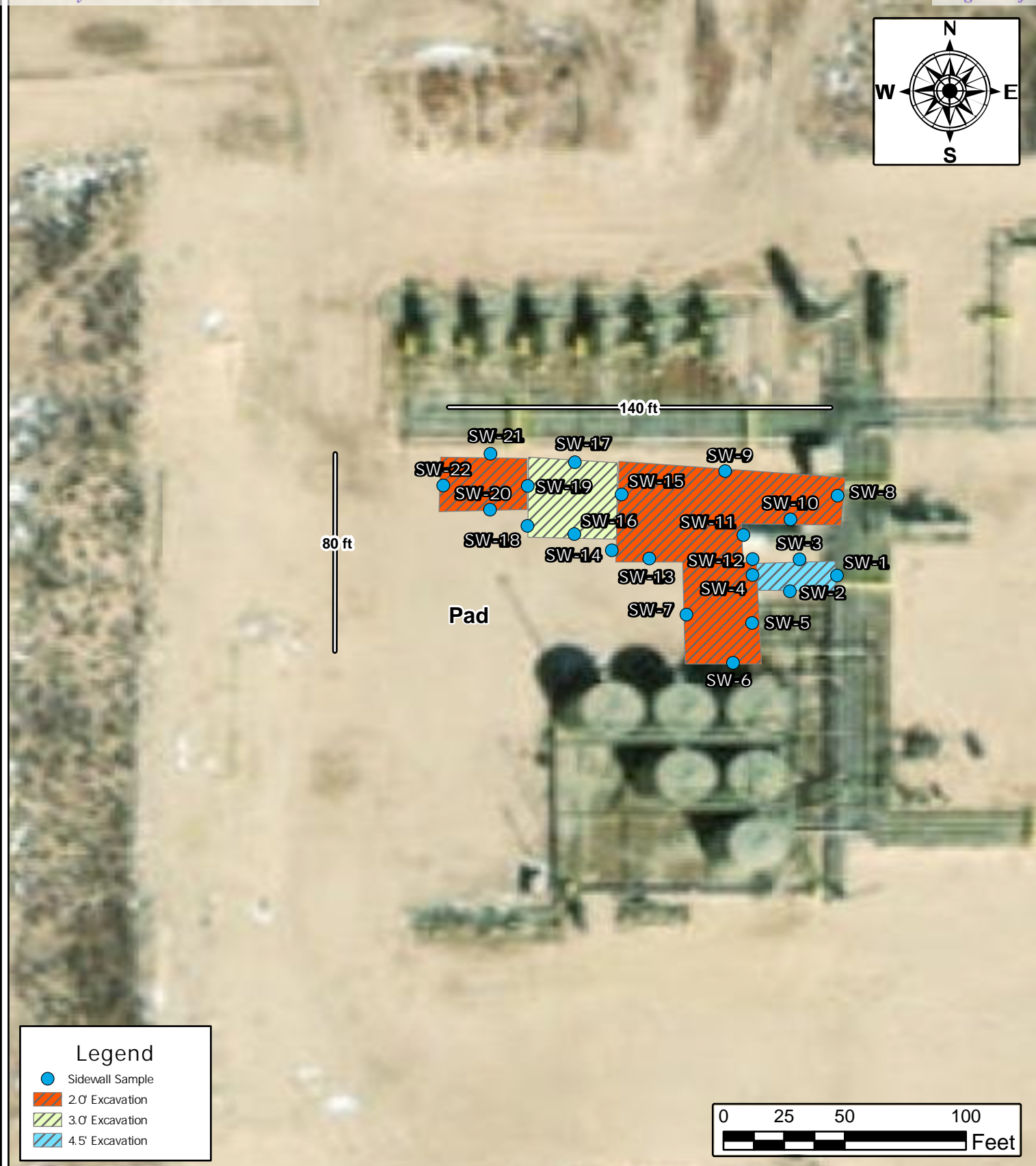
1. Base Image: ESRI Maps & Data 2023
2. Map Projection: WGS84

DRAWING NUMBER:

FIGURE 4A

SHEET NUMBER:

1 of 2



EXCAVATION DEPTH MAP
CIMAREX ENERGY CO.
 CRAWFORD 27-26 FEE
 EDDY COUNTY, NEW MEXICO
 32.192258, -104.2862066

SCALE: As Shown

Date: 6/14/2023



Carmona Resources
 310 West Wall Street, Suite 500
 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2023
2. Map Projection: WGS84

DRAWING NUMBER:

FIGURE 4B

SHEET NUMBER:

2 of 2

APPENDIX A

CARMONA RESOURCES



Table 1
Cimarex
Crawford 27-26 Fee
Eddy County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|----------|------------|-------------|-------|-------|-----------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| T-1 | 5/8/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 320 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| T-2 | 5/8/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 720 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,160 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| T-3 | 5/8/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,560 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,800 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,170 |
| | " | 2.0-3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 384 |
| | " | 3.0-4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| T-4 | 5/9/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,400 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,580 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| T-5 | 5/9/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,010 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,920 |
| | " | 2.0-3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,280 |
| | " | 3.0-4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 544 |
| T-6 | 5/8/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,720 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 560 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| T-7 | 5/8/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 384 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 448 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| | " | 2.0-3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | " | 3.0-4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| T-8 | 5/8/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| T-9 | 5/8/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| | " | 2.0-3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| | " | 3.0-4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| T-10 | 5/8/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| | " | 2.0-3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| | " | 3.0-4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| T-11 | 5/9/2023 | 0-1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 736 |
| | " | 1.0-1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,560 |
| | " | 1.5-2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 432 |
| Regulatory Criteria ^A | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Test Trench

Removed

Table 1
Cimarex
Crawford 27-26 Fee
Eddy County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| H-1 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| H-2 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| H-3 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,920 |
| H-4 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| H-5 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| H-6 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| H-7 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| H-8 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| H-9 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| H-10 | 5/8/2023 | 0-0.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Regulatory Criteria ^A | | | | | | | 100 mg/kg | 10 mg/kg | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

 Removed

Table 2
Cimarex
Crawford 27-26 Fee
Eddy County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|----------|------------|-------------|-------|-------|-----------|--------------------|--------------------|-------------------------|-------------------|-----------------------|---------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| CS-1 | 6/8/2023 | 4.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| CS-2 | 6/8/2023 | 4.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| CS-3 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| CS-4 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| CS-5 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| CS-6 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| CS-7 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| CS-8 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| CS-9 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| CS-10 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| CS-11 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| CS-12 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| CS-13 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| CS-14 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 208 |
| CS-15 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| CS-16 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| CS-17 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| CS-18 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| CS-19 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| CS-20 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 288 |
| CS-21 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| CS-22 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| CS-23 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| CS-24 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| Regulatory Criteria ^A | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Cimarex
Crawford 27-26 Fee
Eddy County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|----------|------------|-------------|-------|-------|-----------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| SW-1 | 6/8/2023 | 4.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| SW-2 | 6/8/2023 | 4.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| SW-3 | 6/8/2023 | 4.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| SW-4 | 6/8/2023 | 2.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-5 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| SW-6 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| SW-7 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| SW-8 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| SW-9 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| SW-10 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| SW-11 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-12 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| SW-13 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128.0 |
| SW-14 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240.0 |
| SW-15 | 6/8/2023 | 1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| SW-16 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| SW-17 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| SW-18 | 6/8/2023 | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| SW-19 | 6/8/2023 | 1.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 320 |
| SW-20 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| SW-21 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 336 |
| SW-22 | 6/8/2023 | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| Regulatory Criteria ^A | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Cimarex Energy Co.

Photograph No. 1

Facility: Crawford 27-26 Fee

County: Eddy County, New Mexico

Description:

View East, area of CS-1 and CS-2.



Photograph No. 2

Facility: Crawford 27-26 Fee

County: Eddy County, New Mexico

Description:

View South, area of CS-3 through CS-8.



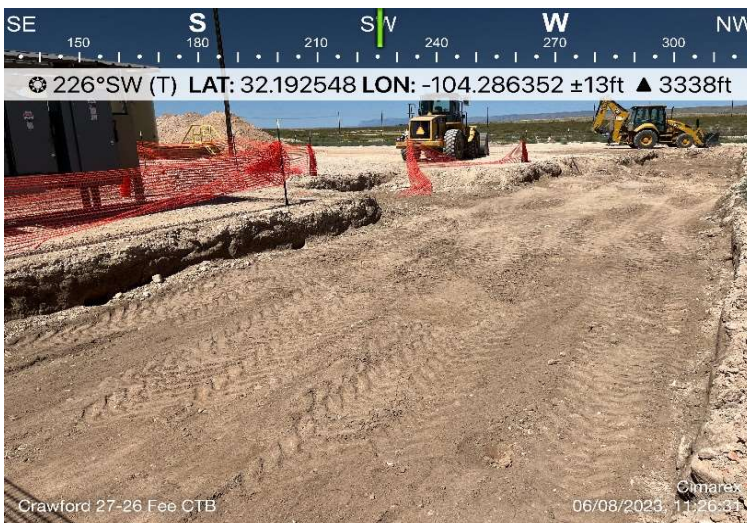
Photograph No. 3

Facility: Crawford 27-26 Fee

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-9 through CS-17.



PHOTOGRAPHIC LOG

Cimarex Energy Co.

Photograph No. 4

Facility: Crawford 27-26 Fee

County: Eddy County, New Mexico

Description:

View Northwest, area of CS-13 through CS-17.



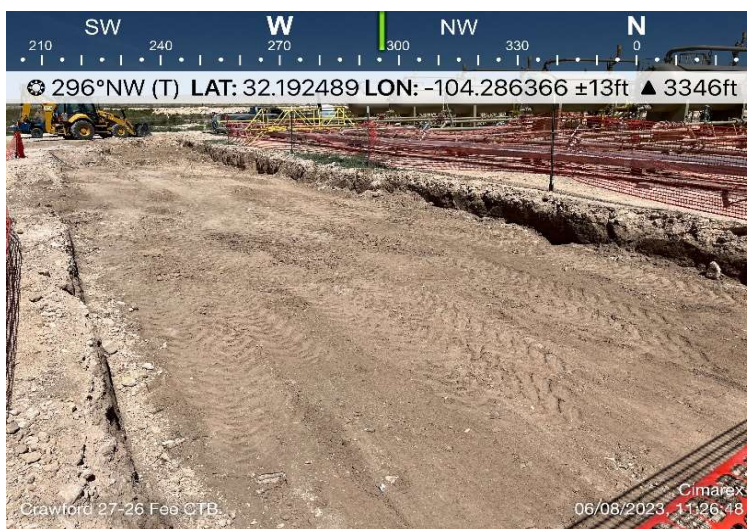
Photograph No. 5

Facility: Crawford 27-26 Fee

County: Eddy County, New Mexico

Description:

View Northwest, area of CS-9 through CS-24.



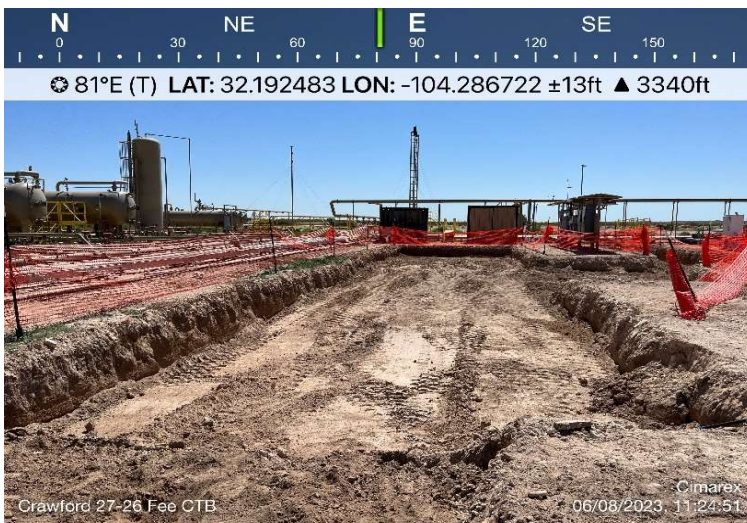
Photograph No. 6

Facility: Crawford 27-26 Fee

County: Eddy County, New Mexico

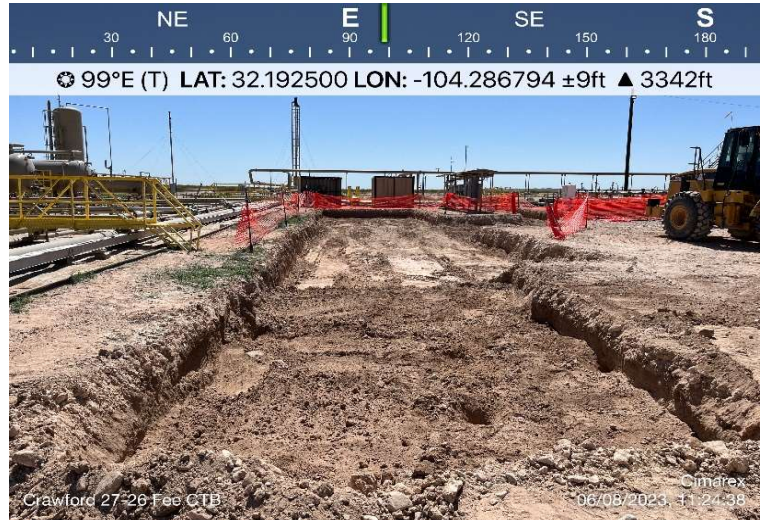
Description:

View East, area of CS-9 through CS-21.



PHOTOGRAPHIC LOG**Cimarex Energy Co.****Photograph No. 7****Facility:** Crawford 27-26 Fee**County:** Eddy County, New Mexico**Description:**

View East, area of CS-9 through CS-24.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|----------------|----------------|
| Incident ID | nAPP2109256031 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | |
|---|---|
| Responsible Party: Cimarex Energy Co. | OGRID: 215099 |
| Contact Name: Laci Luig | Contact Telephone: (432) 571-7800 |
| Contact email: lluig@cimarex.com | Incident # (assigned by OCD) nAPP2109256031 |
| Contact mailing address: 600 N Marienfeld Street, Ste. 600 Midland, TX 79701 | |

Location of Release Source

Latitude 32.192258 _____ Longitude -104.2862066 _____
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|-----------------------------------|----------------------|
| Site Name: Crawford 27-26 Fee | Site Type: Battery |
| Date Release Discovered: 4/2/2021 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| D | 27 | 24S | 26E | Eddy |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Bounds Family Trust _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|--|--|--|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 31 | Volume Recovered (bbls) 25 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release: Equipment Failure

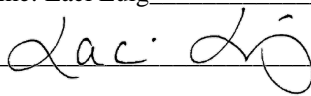
A hole developed in the 10" water trunk line on the discharge side of the inlet scrubbers due to internal erosion. According to our spill calculator, we released 31 barrels of produced water and we were able to recover 25 barrels. The spill remained on the pad.

| | |
|----------------|----------------|
| Incident ID | nAPP2109256031 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? Total amount released is greater than 25 barrels. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By: Gloria Garza To: Mike Bratcher, Robert Hamlet and Cristina Eads By: Email | |

Initial Response

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

| | |
|--|---------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | |
| If all the actions described above have <u>not</u> been undertaken, explain why: | |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation. | |
| 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. | |
| Printed Name: Laci Luig | Title: ESH Specialist |
| Signature:  | Date: 4/2/2021 |
| email: llui@cimarex.com | Telephone: (432) 208-3035 |
| <u>OCD Only</u> | |
| Received by: _____ | Date: _____ |

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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? | _____ (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

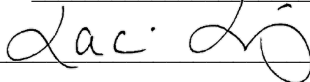
State of New Mexico
Oil Conservation Division

Page 4

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

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.

Printed Name: _____ Title: _____

Signature:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 6/26/2023

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 6/26/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Ashton Thielke

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Tuesday, May 23, 2023 5:24 PM
To: Ashton Thielke
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] nAPP2109256031 & nAPP2120918798 - Crawford 27-26 Fee 1H - Confirmation Sampling Notification

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.

Ashton,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Ashton Thielke <Ashton.Thielke@coterra.com>
Sent: Tuesday, May 23, 2023 3:12 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Laci Luig <Laci.Luig@coterra.com>
Subject: [EXTERNAL] nAPP2109256031 & nAPP2120918798 - Crawford 27-26 Fee 1H - Confirmation Sampling Notification

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

Good afternoon,

This email serves as 48+ hour notification for confirmation sampling on the Crawford 27-26 Fee 1H. Sampling is scheduled to begin as early as 12:00pm (MST) Thursday, June 1st, weather and soil conditions permitting. Carmona Resources will be on site to collect the confirmation samples.

Incident ID: nAPP2109256031 & nAPP2120918798
Coordinates: 32.192258, -104.2862066

Thank you,



Ashton Thielke | PBU - Environmental Consultant

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

Coterra Energy Inc. | 6000 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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APPENDIX D

CARMONA RESOURCES



Nearest water well

Cimarex Energy Co.

Legend



- 0.50 Mile Radius
- 0.71 Miles
- 0.88 Miles
- 1.46 Miles
- 1.58 Miles
- Crawford 27-26 Fee
- NMSEO Water Well
- USGS Water Well

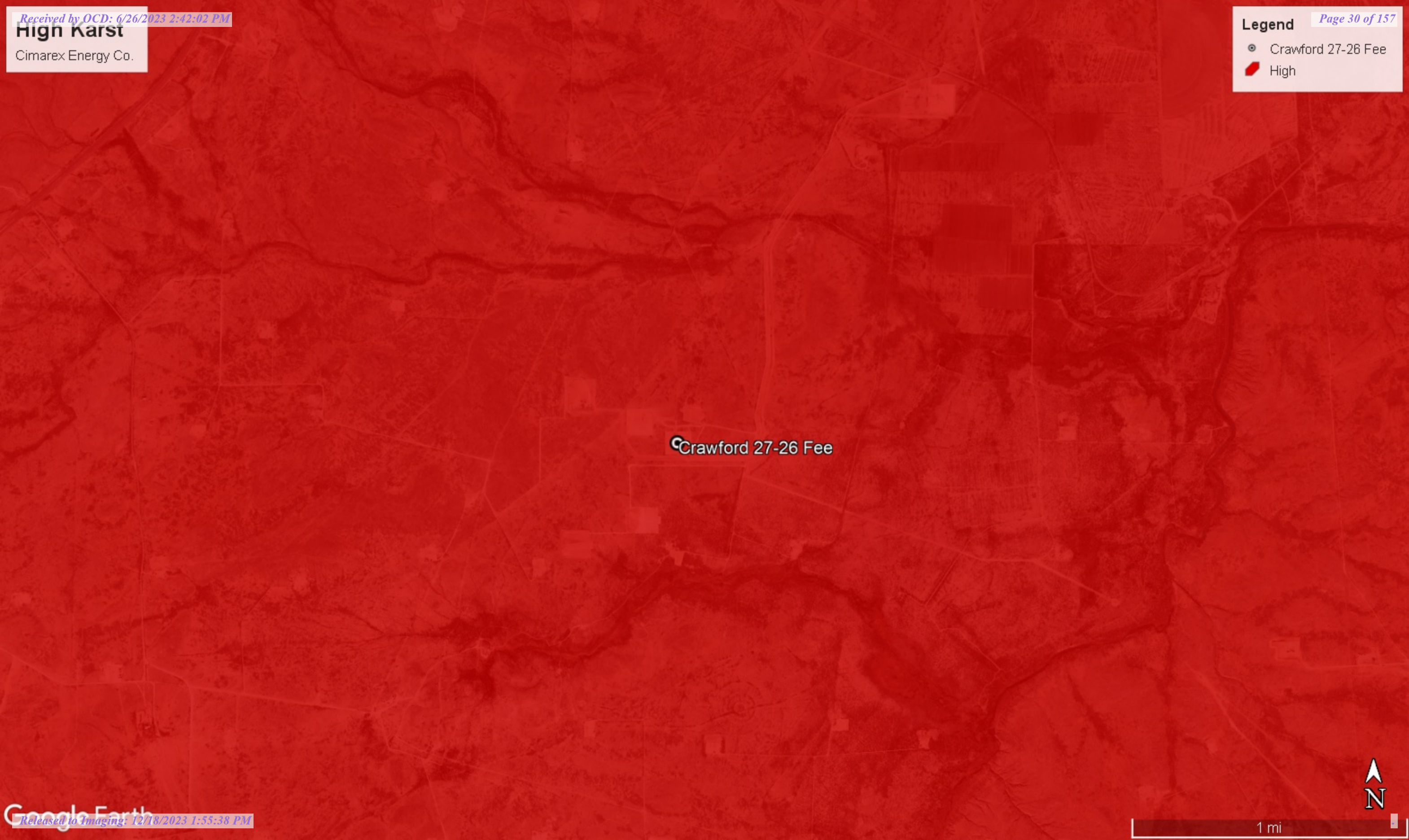


High Karst

Cimarex Energy Co.

Legend

-  Crawford 27-26 Fee
-  High



1 mi



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

| POD Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | Depth Well | Depth Water | Water Column |
|------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|------------|-------------|--------------|
| C 00792 | C | ED | | 4 | 2 | 27 | 24S | 26E | | 568397 | 3561747* | 1137 | 70 | 30 | 40 |
| C 04586 POD1 | C | ED | | 4 | 1 | 1 | 35 | 24S | 26E | 568993 | 3560476 | 2271 | 150 | | |
| C 00928 | C | ED | | 1 | 1 | 23 | 24S | 26E | | 568806 | 3563757* | 2350 | 91 | 7 | 84 |
| C 00829 | C | ED | | 1 | 4 | 23 | 24S | 26E | | 569591 | 3562957* | 2512 | 50 | 19 | 31 |
| C 03110 | C | ED | | 4 | 1 | 4 | 23 | 24S | 26E | 569690 | 3562856* | 2567 | 35 | 12 | 23 |
| C 01869 | R | C | ED | 2 | 3 | 4 | 23 | 24S | 26E | 569753 | 3562679 | 2572 | 110 | 30 | 80 |
| C 01869 POD2 | C | ED | | 2 | 3 | 4 | 23 | 24S | 26E | 569753 | 3562679 | 2572 | 111 | 50 | 61 |
| C 03526 POD1 | C | ED | | 1 | 4 | 4 | 23 | 24S | 26E | 569788 | 3562666 | 2601 | 200 | | |
| C 00369 | C | CUB | ED | 2 | 1 | 23 | 24S | 26E | | 569207 | 3563757* | 2628 | | | |
| C 00517 | C | ED | | 1 | 3 | 2 | 23 | 24S | 26E | 569498 | 3563456* | 2669 | 80 | 31 | 49 |
| C 00883 | C | ED | | 3 | 2 | 4 | 23 | 24S | 26E | 569887 | 3562855* | 2752 | 60 | 14 | 46 |
| C 03200 POD1 | C | ED | | 2 | 3 | 4 | 34 | 24S | 26E | 568206 | 3559349 | 2777 | 80 | 52 | 28 |
| C 01616 | C | ED | | 2 | 4 | 23 | 24S | 26E | | 569988 | 3562956* | 2881 | 84 | 84 | 0 |
| C 00819 | C | ED | | 4 | 4 | 26 | 24S | 26E | | 570022 | 3560935* | 2929 | 62 | 42 | 20 |
| C 00262 POD2 | C | ED | | 4 | 3 | 1 | 24 | 24S | 26E | 570234 | 3562337 | 2975 | 45 | 18 | 27 |
| C 00755 | C | ED | | 4 | 1 | 15 | 24S | 26E | | 567564 | 3564984* | 3028 | 270 | | |
| C 01085 | C | ED | | 4 | 2 | 23 | 24S | 26E | | 569990 | 3563356* | 3043 | 127 | 60 | 67 |
| C 00690 | C | ED | | 1 | 3 | 3 | 24 | 24S | 26E | 570288 | 3562653* | 3083 | 30 | 10 | 20 |
| C 01202 | C | ED | | | 1 | 29 | 24S | 26E | | 564138 | 3561903* | 3143 | 75 | 19 | 56 |
| C 00100 A | CUB | ED | | 1 | 1 | 3 | 24 | 24S | 26E | 570284 | 3563053 | 3192 | 51 | 26 | 25 |
| C 00949 | C | ED | | 1 | 1 | 3 | 24 | 24S | 26E | 570284 | 3563053* | 3192 | 62 | 35 | 27 |
| C 00396 | C | CUB | ED | 2 | 2 | 23 | 24S | 26E | | 570003 | 3563758* | 3257 | 2032 | | |
| C 00692 | C | ED | | 3 | 3 | 1 | 24 | 24S | 26E | 570281 | 3563253* | 3263 | 50 | 42 | 8 |
| C 04365 POD1 | C | ED | | 4 | 2 | 4 | 14 | 24S | 26E | 569455 | 3564422 | 3277 | | | |
| C 04270 POD2 | CUB | ED | | 1 | 4 | 1 | 20 | 26S | 26E | 564309 | 3563438 | 3315 | 59 | | |
| C 01386 | C | ED | | 3 | 1 | 29 | 24S | 26E | | 563937 | 3561702* | 3354 | 84 | 72 | 12 |

*UTM location was derived from PLSS - see Help

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

| POD Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | Depth Well | Depth Water | Water Column |
|------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|------------|-------------|--------------|
| C 03675 | C | | ED | 2 | 2 | 2 | 23 | 24S | 26E | 570134 | 3563860 | 3422 | 59 | 38 | 21 |
| C 00262 | R | C | ED | 4 | 3 | 1 | 24 | 24S | 26E | 570481 | 3563253* | 3447 | 50 | | |
| C 02700 | | C | ED | 1 | 1 | 3 | 29 | 24S | 26E | 563844 | 3561400* | 3483 | 180 | | |
| C 01454 | | C | ED | | 1 | 3 | 20 | 24S | 26E | 563917 | 3562912* | 3493 | 87 | 70 | 17 |
| C 01089 | | C | ED | 3 | 4 | 1 | 03 | 25S | 26E | 567505 | 3558398* | 3578 | 96 | 45 | 51 |
| C 03414 POD1 | | C | ED | 3 | 1 | 2 | 14 | 24S | 26E | 569513 | 3565188 | 3917 | 80 | 60 | 20 |
| C 03414 POD1 | R | C | ED | 3 | 1 | 2 | 14 | 24S | 26E | 569513 | 3565188 | 3917 | 80 | 60 | 20 |
| C 02043 | | C | ED | | 2 | 1 | 24 | 24S | 26E | 570805 | 3563758* | 3952 | 42 | 28 | 14 |
| C 03414 POD2 | | C | ED | 3 | 1 | 2 | 14 | 24S | 26E | 569509 | 3565257 | 3971 | 100 | 32 | 68 |

Average Depth to Water: **37 feet**

Minimum Depth: **7 feet**

Maximum Depth: **84 feet**

Record Count: 35

UTM NAD83 Radius Search (in meters):

Easting (X): 567281

Northing (Y): 3561969

Radius: 4000

*UTM location was derived from PLSS - see Help

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6/13/23 1:53 PM


Page 2 of 2

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

| | | | | | | | | | |
|--------------------------------|------------|------------------------------------|----------------------|-----|--------|-------------------------------|------------------|--------|--|
| | | (quarters are 1=NW 2=NE 3=SW 4=SE) | | | | (NAD83 UTM in meters) | | | |
| | | (quarters are smallest to largest) | | | | X | Y | | |
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | | |
| C | 00792 | | 4 | 2 | 27 | 24S | 26E | 568397 | 3561747*  |
| x | | | | | | | | | |
| Driller License: | | 62 | Driller Company: | | | BEATTY, J.R. | | | |
| Driller Name: | | WILLARD BEATY | | | | | | | |
| Drill Start Date: | | 07/24/1957 | Drill Finish Date: | | | 07/24/1957 | Plug Date: | | 07/26/1961 |
| Log File Date: | | 08/12/1957 | PCW Rev Date: | | | | Source: | | Shallow |
| Pump Type: | | | Pipe Discharge Size: | | | | Estimated Yield: | | |
| Casing Size: | | 8.00 | Depth Well: | | | 70 feet | Depth Water: | | 30 feet |
| x | | | | | | | | | |
| Water Bearing Stratifications: | | | | Top | Bottom | Description | | | |
| | | | | 60 | 65 | Sandstone/Gravel/Conglomerate | | | |
| x | | | | | | | | | |

*UTM location was derived from PLSS - see Help

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USGS Water Resources

Data Category: Geographic Area:

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321136104160701

Minimum number of levels = 1

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

USGS 321136104160701 24S.26E.26.113311

Eddy County, New Mexico

Latitude 32°11'35.3", Longitude 104°16'17.7" NAD83

Land-surface elevation 3,276.90 feet above NGVD29

The depth of the well is 60 feet below land surface.

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source measur |
|------------|------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|-----------------------|
| 1978-01-05 | | | D 62610 | | 3257.52 | NGVD29 | 1 | | Z | |
| 1978-01-05 | | | D 62611 | | 3259.19 | NAVD88 | 1 | | Z | |
| 1978-01-05 | | | D 72019 | 19.38 | | | 1 | | Z | |
| 1983-01-24 | | | D 62610 | | 3244.51 | NGVD29 | 1 | | Z | |
| 1983-01-24 | | | D 62611 | | 3246.18 | NAVD88 | 1 | | Z | |
| 1983-01-24 | | | D 72019 | 32.39 | | | 1 | | Z | |
| 1988-02-10 | | | D 62610 | | 3255.46 | NGVD29 | 1 | | Z | |
| 1988-02-10 | | | D 62611 | | 3257.13 | NAVD88 | 1 | | Z | |
| 1988-02-10 | | | D 72019 | 21.44 | | | 1 | | Z | |
| 1992-11-13 | | | D 62610 | | 3250.29 | NGVD29 | 1 | | S | |
| 1992-11-13 | | | D 62611 | | 3251.96 | NAVD88 | 1 | | S | |
| 1992-11-13 | | | D 72019 | 26.61 | | | 1 | | S | |
| 1998-01-06 | | | D 62610 | | 3247.88 | NGVD29 | 1 | | S | |
| 1998-01-06 | | | D 62611 | | 3249.55 | NAVD88 | 1 | | S | |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source measur |
|------------|-----------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|-----------------------|
| 1998-01-06 | | | D | 72019 | 29.02 | | | 1 | S | |
| 2003-02-05 | | | D | 62610 | | 3263.10 | NGVD29 | 1 | S | USGS |
| 2003-02-05 | | | D | 62611 | | 3264.77 | NAVD88 | 1 | S | USGS |
| 2003-02-05 | | | D | 72019 | 13.80 | | | 1 | S | USGS |
| 2013-01-08 | 23:30 UTC | | m | 62610 | | 3260.87 | NGVD29 | 1 | S | USGS |
| 2013-01-08 | 23:30 UTC | | m | 62611 | | 3262.54 | NAVD88 | 1 | S | USGS |
| 2013-01-08 | 23:30 UTC | | m | 72019 | 16.03 | | | 1 | S | USGS |

Explanation

| Section | Code | Description |
|--------------------------------|--------|--|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level date-time accuracy | m | Date is accurate to the Minute |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Method of measurement | S | Steel-tape measurement. |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Measuring agency | USGS | U.S. Geological Survey |
| Source of measurement | | Not determined |
| Source of measurement | S | Measured by personnel of reporting agency. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for New Mexico: Water Levels

URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=321136104160701&agency_cd=USGS&format=html)Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2023-06-13 16:01:37 EDT

0.29 0.24 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

| | | | | | | | | | | | | | |
|--------------------------------|----------------------|------------------------------------|-----|-----|------------------|----------------|--------------|------------------------------------|--------|-----------------------|--|---------|--|
| | | (quarters are 1=NW 2=NE 3=SW 4=SE) | | | | | | (quarters are smallest to largest) | | (NAD83 UTM in meters) | | | |
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | | | | |
| C | 00928 | 1 | 1 | 23 | 24S | 26E | 568806 | 3563757* | | | | | |
| x | | | | | | | | | | | | | |
| Driller License: | 30 | Driller Company: | | | | BARRON, EMMETT | | | | | | | |
| Driller Name: | BARRON, EMMETT | | | | | | | | | | | | |
| Drill Start Date: | 05/09/1960 | Drill Finish Date: | | | | 05/11/1960 | Plug Date: | | | | | | |
| Log File Date: | 06/07/1960 | PCW Rcv Date: | | | | Source: | | | | | | Shallow | |
| Pump Type: | Pipe Discharge Size: | | | | Estimated Yield: | | | | | | | | |
| Casing Size: | 8.00 | Depth Well: | | | | 91 feet | Depth Water: | | 7 feet | | | | |
| x | | | | | | | | | | | | | |
| Water Bearing Stratifications: | | | | Top | Bottom | Description | | | | | | | |
| | | | | 5 | 7 | Other/Unknown | | | | | | | |
| x | | | | | | | | | | | | | |

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

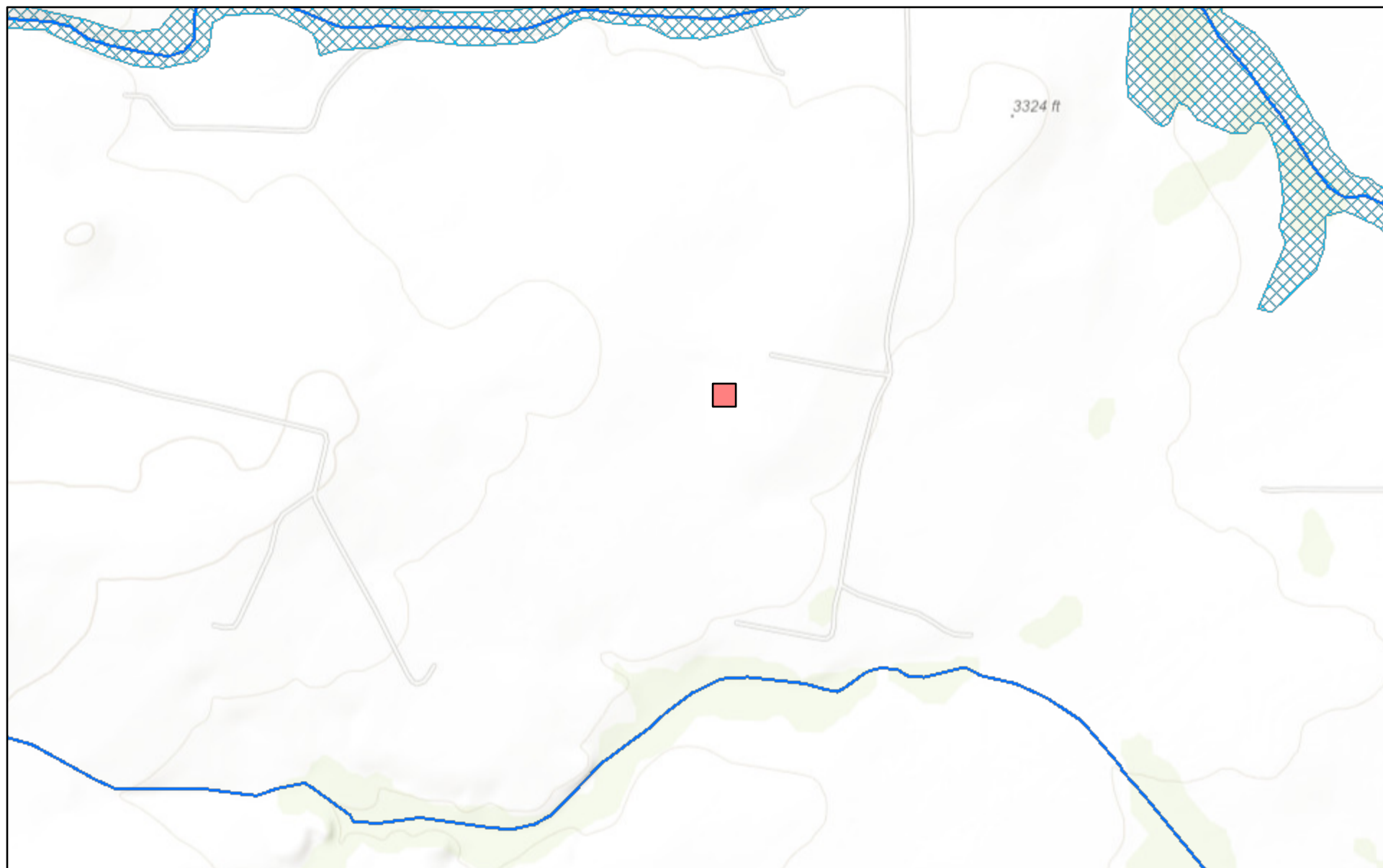
Point of Diversion Summary

| | | | | | | | | | | | |
|--------------------------------|------------|------------------------------------|--------|-------------------------------|-----|-----|--------|------------------------------------|---|-----------------------|--|
| | | (quarters are 1=NW 2=NE 3=SW 4=SE) | | | | | | (quarters are smallest to largest) | | (NAD83 UTM in meters) | |
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | | |
| C | 00829 | 1 | 4 | 23 | 24S | 26E | 569591 | 3562957* | | | |
| x | | | | | | | | | | | |
| Driller License: 30 | | Driller Company: | | BARRON, EMMETT | | | | | | | |
| Driller Name: | | EMMETT BARRON | | | | | | | | | |
| Drill Start Date: 05/06/1958 | | Drill Finish Date: | | 05/09/1958 | | | | Plug Date: | | | |
| Log File Date: 05/23/1958 | | PCW Rev Date: | | | | | | Source: | | Shallow | |
| Pump Type: | | Pipe Discharge Size: | | | | | | Estimated Yield: | | | |
| Casing Size: 7.00 | | Depth Well: | | 50 feet | | | | Depth Water: | | 19 feet | |
| x | | | | | | | | | | | |
| Water Bearing Stratifications: | | Top | Bottom | Description | | | | | | | |
| | | 36 | 50 | Sandstone/Gravel/Conglomerate | | | | | | | |
| x | | | | | | | | | | | |

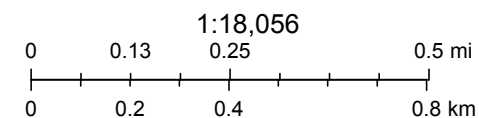
*UTM location was derived from PLSS - see Help

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New Mexico NFHL Data



June 13, 2023



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

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APPENDIX E

CARMONA RESOURCES





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

May 12, 2023

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: CRAWFORD 27-26 FEE 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/09/23 13:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (0-1') (H232302-01)

| BTX 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | |
| Total BTX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (1'-1.5') (H232302-02)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (1.5'-2') (H232302-03)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (0-1') (H232302-04)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 720 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (1'-1.5') (H232302-05)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2160 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (1.5'-2') (H232302-06)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (0-1') (H232302-07)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4560 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (1'-1.5') (H232302-08)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4800 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (1.5'-2') (H232302-09)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 1170 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (2'-3') (H232302-10)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 384 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (3'-4') (H232302-11)

| BTX 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | |
| Total BTX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (0-1') (H232302-12)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 5400 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (1'-1.5') (H232302-13)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1580 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (1.5'-2') (H232302-14)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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 | 144 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (0-1') (H232302-15)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 48.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (1'-1.5') (H232302-16)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 1010 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (1.5'-2') (H232302-17)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 1920 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (2'-3') (H232302-18)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEx | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1280 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (3'-4') (H232302-19)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 544 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (4'-5') (H232302-20)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 96.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (0-1') (H232302-21)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 1720 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (1'-1.5') (H232302-22)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 560 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (1.5'-2') (H232302-23)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 112 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (0-1') (H232302-24)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 384 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (1'-1.5') (H232302-25)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 448 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (1.5'-2') (H232302-26)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 160 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (2'-3') (H232302-27)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEx | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (3'-4') (H232302-28)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEx | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 400 | 3.92 | |

| 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (0-1') (H232302-29)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 48.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (1'-1.5') (H232302-30)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 112 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (1.5'-2') (H232302-31)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 48.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (0-1') (H232302-32)

| 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 | 05/10/2023 | ND | 1.93 | 96.5 | 2.00 | 0.428 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 1.96 | 98.0 | 2.00 | 0.833 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.11 | 106 | 2.00 | 1.16 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.30 | 105 | 6.00 | 1.58 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 32.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (1'-1.5') (H232302-33)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 48.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 4.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 212 | 106 | 200 | 0.605 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (1.5'-2') (H232302-34)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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 | 112 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (2'-3') (H232302-35)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 48.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (3'-4') (H232302-36)

| BTX 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (0-1') (H232302-37)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTEx | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (1'-1.5') (H232302-38)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 48.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (1.5'-2') (H232302-39)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 112 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (2'-3') (H232302-40)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 64.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (3'-4') (H232302-41)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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 | 64.0 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (0-1') (H232302-42)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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 | 736 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (1'-1.5') (H232302-43)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | 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 | 4560 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (1.5'-2') (H232302-44)

| 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 | 05/10/2023 | ND | 1.96 | 98.1 | 2.00 | 2.42 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.00 | 99.9 | 2.00 | 0.369 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 0.651 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.25 | 104 | 6.00 | 0.900 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 432 | 16.0 | 05/10/2023 | ND | 400 | 100 | 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 | 05/10/2023 | ND | 161 | 80.4 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 157 | 78.6 | 200 | 6.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| 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, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1832302



Page 1 of 5

| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 Mainfield 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/ST <input type="checkbox"/> RRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RRC <input type="checkbox"/> perund <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: | | Crawford 27-26 Fee 1H | | Turn Around | | Pres. Code | | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes | | | |
| Project Number: | | 2020 | | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush | | | | | | | | | | | | | | None: NO | | DI Water: H ₂ O | |
| Project Location: | | Eddy County, New Mexico | | Due Date: | | Normal | | | | | | | | | | | | Cool: Cool | | MeOH: Me | |
| Sampler's Name: | | GPJ & KB | | | | | | | | | | | | | | | | 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 checked="" type="checkbox"/> | | Wet Ice: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | | | | H ₃ PO ₄ : HP | | | |
| Received Intact: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | Thermometer ID: | | | | 113 | | | | | | | | | | NaHSO ₄ : NABIS | | | |
| Cooler Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | Correction Factor: | | | | -0.10°C | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | | | |
| Sample Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | Temperature Reading: | | | | 18.3°C | | | | | | | | | | Zn Acetate+NaOH: Zn | | | |
| Total Containers: | | | | Corrected Temperature: | | | | 5.7°C | | | | | | | | | | NaOH+Ascorbic Acid: SAPC | | | |
| Sample Identification | | Date | | Time | | Soil | | Water | | Grab/Comp | | # of Cont | | | | | | | | Sample Comments | |
| T-1 (0-1') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-1 (1'-1.5') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-1 (1.5'-2') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-2 (0-1') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-2 (1'-1.5') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-2 (1.5'-2') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-3 (0-1') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-3 (1'-1.5') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-3 (1.5'-2') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |
| T-3 (2'-3') | | 5/8/2023 | | | | X | | | | G | | 1 | | X | | X | | X | | - | |

Comments:

| Comments: | | | |
|---|-------------|---|-----------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|  | 5/9/23 1320 |  | |
| | | | |
| | | | |
| | | | |

Chain of Custody

Work Order No: 10232302

Page 2 of 5

| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 Mainfield 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"/> Iperfund <input type="checkbox"/> | |
| State of Project: | |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/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: | Crawford 27-26 Fee 1H | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | | | | |
| Project Number: | 2020 | <input checked="" type="checkbox"/> Routine | <input type="checkbox"/> Rush | | Parameters | | | | | | | | | | | | | | | | |
| Project Location: | Eddy County, New Mexico | Due Date: | Normal | | | | | | | | | | | | | | | | | | |
| Sampler's Name: | GPJ & KB | | | | | | | | | | | | | | | | | | | | |
| PO #: | | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| SAMPLE RECEIPT | | Received In tact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | 113 | | | | | | | | | | | | | | | | |
| Cooler Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | N/A | Correction Factor: | -0.002 | | | | | | | | | | | | | | | | |
| Sample Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | N/A | Temperature Reading: | 16.30 | | | | | | | | | | | | | | | | |
| Total Containers: | | | | Corrected Temperature: | 5.70 | | | | | | | | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/Comp | # of Cont | | | | | | | | | | | | | Sample Comments | |
| T-3 (3'-4') | | 5/8/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 11 | | | | |
| T-4 (0-1') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 13 | | | | |
| T-4 (1'-1.5') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 14 | | | | |
| T-4 (1.5'-2') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 15 | | | | |
| T-5 (0-1') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 16 | | | | |
| T-5 (1'-1.5') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 17 | | | | |
| T-5 (1.5'-2') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 18 | | | | |
| T-5 (2'-3') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 19 | | | | |
| T-5 (3'-4') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | 20 | | | | |
| T-5 (4'-5') | | 5/9/2023 | | X | | G | 1 | X | X | X | X | X | X | X | X | X | | | | | |

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: HA332302

Page 3 of 5

Page 49 of 51

| | | | |
|------------------|-----------------------|-------------------------|--|
| 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 Mainfield 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"/> Iperfund <input type="checkbox"/> | |
| State of Project: | |
| Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> | |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: | |

| | | | |
|-----------------------|---|--|------------|
| Project Name: | Crawford 27-26 Fee 1H | <input checked="" type="checkbox"/> Turn Around | Pres. Code |
| Project Number: | 2020 | <input type="checkbox"/> Routine <input type="checkbox"/> Rush | |
| Project Location: | Eddy County, New Mexico | Due Date: | Normal |
| Sampler's Name: | GPJ & KB | | |
| 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 |
| Received Inact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: | |
| Total Containers: | | Corrected Temperature: | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | ANALYSIS REQUEST | Preservative Codes | Sample Comments |
|-----------------------|----------|------|------|-------|-----------|-----------|------------------------------|---|----------------------------|
| T-6 (0-1') | 5/8/2023 | | X | | G | 1 | BTEX 8021B | None: NO | DI Water: H ₂ O |
| T-6 (1'-1.5') | 5/8/2023 | | X | | G | 1 | TPH 8015M (GRO + DRO + MRO) | Cool: Cool | MeOH: Me |
| T-6 (1.5'-2') | 5/8/2023 | | X | | G | 1 | Chloride 4500 | HCL: HC | HNO ₃ : HN |
| T-7 (0-1') | 5/8/2023 | | X | | G | 1 | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| T-7 (1'-1.5') | 5/8/2023 | | X | | G | 1 | | H ₃ PO ₄ : HP | |
| T-7 (1.5'-2') | 5/8/2023 | | X | | G | 1 | | NaHSO ₄ : NABIS | |
| T-7 (2'-3') | 5/8/2023 | | X | | G | 1 | | Na ₂ S ₂ O ₅ : NaSO ₃ | |
| T-7 (3'-4') | 5/8/2023 | | X | | G | 1 | | Zn Acetate+NaOH: Zn | |
| T-8 (0-1') | 5/8/2023 | | X | | G | 1 | | NaOH+Ascorbic Acid: SAPC | |
| T-8 (1'-1.5') | 5/8/2023 | | X | | G | 1 | | | |

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: 1032302

Page 4 of 5

| | | | | | |
|------------------------------------|--|------------------------------|--|-------------------------------|--|
| 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 Mainfield 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 | |

| | | | | | |
|---|--|---|--|----------------------|--|
| Project Name: Crawford 27-26 Fee 1H | | Turn Around | | Pres. Code | |
| Project Number: 2020 | | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush | | | |
| Project Location: Eddy County, New Mexico | | Due Date: Normal | | | |
| Sampler's Name: GPJ & KB | | | | | |
| PO #: | | Temp Blank: Yes (No) No | | Wet Ice: Yes (No) No | |
| SAMPLE RECEIPT | | Received In tact: Yes (No) No | | Thermometer ID: 113 | |
| Cooler Custody Seals: Yes (No) N/A | | Correction Factor: N/A | | -0.002 | |
| Sample Custody Seals: Yes (No) N/A | | Temperature Reading: 14.3 | | 5.7 | |
| Total Containers: | | Corrected Temperature: | | | |

| | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|----------|------|------|-------|-----------|-----------|------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Sample Identification | | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | | | | | | | | | | | |
| T-8 (1.5'-2') | | 5/8/2023 | | X | | G | 1 | BTX 8021B | | | | | | | | | | | |
| T-9 (0-1') | | 5/8/2023 | | X | | G | 1 | TPH 8015M (GRO + DRO + MRO) | | | | | | | | | | | |
| T-9 (1'-1.5') | | 5/8/2023 | | X | | G | 1 | Chloride 4500 | | | | | | | | | | | |
| T-9 (1.5'-2') | | 5/8/2023 | | X | | G | 1 | | | | | | | | | | | | |
| T-9 (2'-3') | | 5/8/2023 | | X | | G | 1 | | | | | | | | | | | | |
| T-9 (3'-4') | | 5/8/2023 | | X | | G | 1 | | | | | | | | | | | | |
| T-10 (0-1') | | 5/8/2023 | | X | | G | 1 | | | | | | | | | | | | |
| T-10 (1'-1.5') | | 5/8/2023 | | X | | G | 1 | | | | | | | | | | | | |
| T-10 (1.5'-2') | | 5/8/2023 | | X | | G | 1 | | | | | | | | | | | | |
| T-10 (2'-3') | | 5/8/2023 | | X | | G | 1 | | | | | | | | | | | | |

| | | | | | |
|------------------------------|--|--------------|--------------------------|--|-----------|
| Relinquished by: (Signature) | | Date/Time | Received by: (Signature) | | Date/Time |
| | | 5/12/23 1:30 | | | |

| | |
|-----------|--|
| Comments: | |
| | |

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

| | |
|--------------------------|--|
| Hold | |
| None: NO | |
| Cool: Cool | |
| HCL: HC | |
| H2SO4: H2 | |
| H3PO4: HP | |
| NaHSO4: NABIS | |
| Na2S2O3: NaSO3 | |
| Zn Acetate+NaOH: Zn | |
| NaOH+Ascorbic Acid: SAPC | |

| | |
|-----------------|--|
| Sample Comments | |
| 31 | |
| 33 | |
| 34 | |
| 35 | |
| 36 | |
| 37 | |
| 38 | |
| 39 | |
| 40 | |

Work Order No: 4232302

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

Released to Imaging: 12/18/2023 1:55:38 PM



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

May 12, 2023

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: CRAWFORD 27-26 FEE 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/09/23 13:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 1 (0-0.5') (H232301-01)

| 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 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 4.30 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 5.32 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.07 | 103 | 2.00 | 4.81 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.50 | 108 | 6.00 | 6.10 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 05/10/2023 | 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 | 05/10/2023 | ND | 166 | 82.9 | 200 | 1.12 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 173 | 86.3 | 200 | 4.50 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 2 (0-0.5') (H232301-02)

| 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 | 05/10/2023 | ND | 2.10 | 105 | 2.00 | 4.30 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 5.32 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.07 | 103 | 2.00 | 4.81 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.50 | 108 | 6.00 | 6.10 | |
| Total BTEx | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 05/10/2023 | 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 | 05/09/2023 | ND | 166 | 82.9 | 200 | 1.12 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/09/2023 | ND | 173 | 86.3 | 200 | 4.50 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 3 (0-0.5') (H232301-03)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEx | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3920 | 16.0 | 05/10/2023 | 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 | 05/09/2023 | ND | 166 | 82.9 | 200 | 1.12 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/09/2023 | ND | 173 | 86.3 | 200 | 4.50 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 4 (0-0.5') (H232301-04)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEx | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 05/10/2023 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 5 (0-0.5') (H232301-05)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEx | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/10/2023 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 6 (0-0.5') (H232301-06)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 7 (0-0.5') (H232301-07)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 8 (0-0.5') (H232301-08)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 9 (0-0.5') (H232301-09)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/09/2023
 Reported: 05/12/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 10 (0-0.5') (H232301-10)

| 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 | 05/10/2023 | ND | 2.26 | 113 | 2.00 | 0.470 | |
| Toluene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.22 | 111 | 2.00 | 1.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2023 | ND | 2.16 | 108 | 2.00 | 0.997 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2023 | ND | 6.55 | 109 | 6.00 | 1.26 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 05/10/2023 | ND | 432 | 108 | 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 | 05/10/2023 | ND | 175 | 87.6 | 200 | 0.453 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2023 | ND | 151 | 75.3 | 200 | 1.66 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 4232301

Page 1 of 1[illegible]

Page 13 of 13



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

June 09, 2023

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: CRAWFORD 27-26 FEE 1H

Enclosed are the results of analyses for samples received by the laboratory on 06/08/23 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (4.5') (H232945-01)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTX | <0.300 | 0.300 | 06/08/2023 | 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 | 256 | 16.0 | 06/09/2023 | 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 | 06/08/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/08/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/08/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (4.5') (H232945-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 06/09/2023 | 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 | 06/08/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/08/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/08/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (2.0') (H232945-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | | |
| Total BTEx | <0.300 | 0.300 | 06/08/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 06/09/2023 | 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 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (2.0') (H232945-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTX | <0.300 | 0.300 | 06/08/2023 | 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 | 112 | 16.0 | 06/09/2023 | 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 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (2.0') (H232945-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 112 | 16.0 | 06/09/2023 | 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 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (2.0') (H232945-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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 | 48.0 | 16.0 | 06/09/2023 | 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 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (2.0') (H232945-07)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (2.0') (H232945-08)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (2.0') (H232945-09)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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 | 96.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (2.0') (H232945-10)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTX | <0.300 | 0.300 | 06/08/2023 | 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 | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (2.0') (H232945-11)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (2.0') (H232945-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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 | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (2.0') (H232945-13)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 32.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (2.0') (H232945-14)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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 | 208 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (2.0') (H232945-15)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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 | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (2.0') (H232945-16)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (2.0') (H232945-17)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | 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 | 64.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 (3.0') (H232945-18)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | 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 | 160 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (3.0') (H232945-19)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (3.0') (H232945-20)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 6.90 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 7.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.28 | 114 | 2.00 | 7.71 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.74 | 112 | 6.00 | 7.61 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 288 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 6.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 188 | 94.2 | 200 | 7.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 21 (3.0') (H232945-21)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/08/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/08/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/08/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 22 (2.0') (H232945-22)

| BTX 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/08/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/08/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/08/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 23 (2.0') (H232945-23)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 24 (2.0') (H232945-24)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (4.5') (H232945-25)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 160 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (4.5') (H232945-26)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (4.5') (H232945-27)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 96.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | 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 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (2.5') (H232945-28)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (2.0') (H232945-29)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 96.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (2.0') (H232945-30)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 144 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (2.0') (H232945-31)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 144 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (2.0') (H232945-32)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (2.0') (H232945-33)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (2.0') (H232945-34)

| 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 | 06/08/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | | |
| Toluene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/08/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/08/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | | |
| Total BTEX | <0.300 | 0.300 | 06/08/2023 | 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 | 144 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (2.0') (H232945-35)

| 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 | 06/09/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEx | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (2.0') (H232945-36)

| 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 | 06/09/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEx | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (2.0') (H232945-37)

| 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 | 06/09/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | | |
| Total BTEx | <0.300 | 0.300 | 06/09/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (2.0') (H232945-38)

| 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 | 06/09/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (1.0') (H232945-39)

| 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 | 06/09/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | | |
| Total BTEx | <0.300 | 0.300 | 06/09/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (3.0') (H232945-40)

| 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 | 06/09/2023 | ND | 2.04 | 102 | 2.00 | 0.858 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.05 | 103 | 2.00 | 0.363 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.01 | 100 | 2.00 | 1.92 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.24 | 104 | 6.00 | 1.92 | |
| Total BTEx | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 183 | 91.4 | 200 | 3.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 195 | 97.6 | 200 | 6.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 17 (3.0') (H232945-41)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.26 | 113 | 2.00 | 0.0813 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 0.259 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.19 | 110 | 2.00 | 0.321 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.62 | 110 | 6.00 | 0.0902 | |
| Total BTEx | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 205 | 102 | 200 | 5.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 18 (3.0') (H232945-42)

| BTEx 8021B | | | mg/kg | | Analyzed By: MS | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.26 | 113 | 2.00 | 0.0813 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 0.259 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.19 | 110 | 2.00 | 0.321 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.62 | 110 | 6.00 | 0.0902 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | | mg/kg | | Analyzed By: AC | | | | |
|----------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | | mg/kg | | Analyzed By: MS | | | | |
|------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 205 | 102 | 200 | 5.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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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 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19 (1.0') (H232945-43)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.26 | 113 | 2.00 | 0.0813 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 0.259 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.19 | 110 | 2.00 | 0.321 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.62 | 110 | 6.00 | 0.0902 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 205 | 102 | 200 | 5.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 20 (2.0') (H232945-44)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.26 | 113 | 2.00 | 0.0813 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 0.259 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.19 | 110 | 2.00 | 0.321 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.62 | 110 | 6.00 | 0.0902 | |
| Total BTEX | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 205 | 102 | 200 | 5.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 21 (2.0') (H232945-45)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.26 | 113 | 2.00 | 0.0813 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 0.259 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.19 | 110 | 2.00 | 0.321 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.62 | 110 | 6.00 | 0.0902 | |
| Total BTEx | <0.300 | 0.300 | 06/09/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 205 | 102 | 200 | 5.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2023
 Reported: 06/09/2023
 Project Name: CRAWFORD 27-26 FEE 1H
 Project Number: 2020
 Project Location: CIMAREX - EDDY CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 22 (2.0') (H232945-46)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.26 | 113 | 2.00 | 0.0813 | |
| Toluene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.24 | 112 | 2.00 | 0.259 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/09/2023 | ND | 2.19 | 110 | 2.00 | 0.321 | |
| Total Xylenes* | <0.150 | 0.150 | 06/09/2023 | ND | 6.62 | 110 | 6.00 | 0.0902 | |
| Total BTEx | <0.300 | 0.300 | 06/09/2023 | 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 | 06/09/2023 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/09/2023 | ND | 204 | 102 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/09/2023 | ND | 205 | 102 | 200 | 5.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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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, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

H232945

Page 1 of 5

Page 49 of 53

| | | | |
|------------------|-----------------------|-------------------------|---|
| Project Manager: | Ashthon 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 Marlenfield St Suite 600 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coierra.com ashthon.thielke@coierra.com |

| | | | | | | | | | | | | | | | | | | | |
|-------------------|-------------------------|-------------|---|------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--------------------|---|----------------------------|
| Project Name: | Crawford 27-26 Fee 1H | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | | |
| Project Number: | 2020 | | | | | | | | | | | | | | | | | None: NO | DI Water: H ₂ O |
| Project Location: | Eddy County, New Mexico | Due Date: | 24 hr | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me |
| Sampler's Name: | GPJ | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | | | | BTX 8021B | | | | | | | | | | | | | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> | Correction Factor: | | | | TPH 8015M (GRO + DRO + MRO) | | | | | | | | | | | | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> | Temperature Reading: | | | | Chloride 4500 | | | | | | | | | | | | | |
| Total Containers: | | Corrected Temperature: | | | | | | | | | | | | | | | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | ANALYSIS REQUEST | | | | | | | | | | | | Sample Comments |
|-----------------------|----------|------|------|-------|-----------|-----------|------------------|---|---|--|--|--|--|--|--|--|--|--|-----------------|
| CS-1 (4.5) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-2 (4.5) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-3 (2.0) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-4 (2.0) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-5 (2.0) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-6 (2.0) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-7 (2.0) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-8 (2.0) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-9 (2.0) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |
| CS-10 (2.0) | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | |

Comments:

Relinquished by: (Signature) *[Signature]* Date/Time 6-8-23 1515 Received by: (Signature) *[Signature]* Date/Time

Chain of Custody

Work Order No: H232945

Page 2 of 5

| | | | |
|------------------|-----------------------|-------------------------|---|
| Project Manager: | Ashlon 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 Marinfeld St, Suite 600 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com ashlon.thielke@coterra.com |

| | |
|---|--|
| Work Order Comments | |
| Program: UST/PST <input type="checkbox"/> RRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund | |
| 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: | Crawford 27-26 Fee 1H | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | | | |
| Project Number: | 2020 | Due Date: | 24 hr | | | | | | | | | | | | | | None: NO | DI Water: H ₂ O | | |
| Project Location: | Eddy County, New Mexico | | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me | | |
| Sampler's Name: | GPJ | | | | | | | | | | | | | | | | 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"/> | | | | | | | | | | | | | Hold | | |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | | | | | | | | | | | | | | | | | | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> | Correction Factor: | | | | | | | | | | | | | | | | NaHSO ₄ : NABIS | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> | Temperature Reading: | | | | | | | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | | |
| Total Containers: | | Corrected Temperature: | | | | | | | | | | | | | | | | Zn Acetate+NaOH: Zn | | |
| | | | | | | | | | | | | | | | | | | NaOH+Ascorbic Acid: S-APC | | |
| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | | | | | | | | | | | | | Sample Comments | |
| CS-11 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-12 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-13 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-14 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-15 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-16 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-17 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-18 (3.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-19 (3.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-20 (3.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: H232945

Page 3 of 5

| | | | |
|------------------|-----------------------|-------------------------|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Laci Jung |
| Company Name: | Carmona Resources | Company Name: | Cimarex Energy |
| Address: | 310 W Wall St Ste 500 | Address: | 600 N Marlenfield St, Suite 600 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.jung@coterra.com ashon.thielke@coterra.com |

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|---|--|
| Work Order Comments | |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund | |
| 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: | |

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|-----------------------|---|------------------------|---|------------|---|-----------------------------|---|---|---|--|--|--|--|--|--|--|---|---|-----------------|--|
| Project Name: | Crawford 27-26 Fee 1H | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | | | |
| Project Number: | 2020 | Due Date: | 24 hr | | | | | | | | | | | | | | None: NO | DI Water: H ₂ O | | |
| Project Location: | Eddy County, New Mexico | | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me | | |
| Sampler's Name: | GPI | | | | | | | | | | | | | | | | 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 | | |
| Received In tact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | 113 | | | BTX 8021B | | | | | | | | | | | | NaHSO ₄ : NABIS | | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: | -0.4°C | | | TPH 8015M (GRO + DRO + MRO) | | | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: | 44°C | | | Chloride 4500 | | | | | | | | | | | | Zn Acetate+NaOH: Zn | | |
| Total Containers: | | Corrected Temperature: | 3.8°C | | | | | | | | | | | | | | | NaOH+Ascorbic Acid: SAPC | | |
| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | | | | | | | | | | | | | Sample Comments | |
| CS-21 (3.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-22 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-23 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| CS-24 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| SW-1 (4.5') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| SW-2 (4.5') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| SW-3 (4.5') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| SW-4 (2.5') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| SW-5 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |
| SW-6 (2.0') | 6/8/2023 | | X | | C | 1 | X | X | X | | | | | | | | | | | |

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: H232945

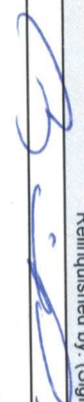

Page 4 of 5

| | | | |
|------------------|-----------------------|-------------------------|--|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Laci Luig |
| Company Name: | Carmona Resources | Company Name: | Cinmarex Energy |
| Address: | 310 W Wall St Ste 500 | Address: | 600 N Mainfield St, Suite 600 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@cinmarex.com ashton.thielke@cinmarex.com |

| | |
|---|--|
| Work Order Comments | |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund | |
| 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: | |

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|-----------------------|-------------------------|----------------------------------|---|------------------------|---|-----------|-----------|---|---|---|---|---|---|---|---|---|--------------------|---|----------------------------|-----------------|--|
| Project Name: | Crawford 27-26 Fee 1H | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | | | | |
| Project Number: | 2020 | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | | 24 hr | | | | | | | | | | | | | None: NO | DI Water: H ₂ O | | |
| Project Location: | Eddy County, New Mexico | Due Date: | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me | | | |
| Sampler's Name: | GPI | | | | | | | | | | | | | | | | | HCL: HC | HNO ₃ : HN | | |
| PO #: | | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na | | |
| SAMPLE RECEIPT | | Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | 113 | | | | | | | | | | | | | H ₃ PO ₄ : HP | | | |
| | | Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor: | -0.6 | | | | | | | | | | | | | NaHSO ₄ : NABIS | | | |
| | | Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading: | 44 | | | | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | | | |
| Total Containers: | | | | Corrected Temperature: | 3.82 | | | | | | | | | | | | | Zn Acetate+NaOH: Zn | | | |
| | | | | | | | | | | | | | | | | | | NaOH+Ascorbic Acid: SAPC | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/Comp | # of Cont | | | | | | | | | | | | | Sample Comments | |
| SW-7 (2.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-8 (2.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-9 (2.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-10 (2.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-11 (2.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-12 (2.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-13 (2.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-14 (2.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-15 (1.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |
| SW-16 (3.0') | | 6/8/2023 | | X | | C | 1 | X | X | X | X | X | X | X | X | X | | | | | |

Comments:

| | | | |
|---|-------------|---|-----------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|  | 6-8-23 1515 |  | |

Chain of Custody

Work Order No: 4232945

Page 5 of 5[illegible]

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 232952

CONDITIONS

| | |
|---|---|
| Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706 | OGRID: 215099 |
| | Action Number: 232952 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| scwells | None | 12/18/2023 |