



SITE INFORMATION

Closure Report
Eagle Claw 5-8 Federal 1H-2H Production Facility
Incident #: nAPP2500842081
Lea County, New Mexico
Unit D Sec 5 T20S R35E
32.609033°, -103.487268°

Produced Water Release
Point of Release: Equipment Failure
Release Date: 01.08.2025
Volume Released: 10 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Caza Operating, LLC
200 North Loraine Street
Suite 1550
Midland, Texas 79701

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



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January 30, 2025

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

Re: Closure Report
Eagle Claw 5-8 Federal 1H-2H Production Facility
Caza Operating, LLC
Incident # nAPP2500842081
Site Location: Unit D, S05, T20S, R35E
(Lat 32.609033°, Long -103.487268°)
Lea County, New Mexico

To whom it may concern:

On behalf of Caza Operating, LLC (Caza), Carmona Resources, LLC has prepared this letter to document site activities for the Eagle Claw 5-8 Federal 1H-2H Production Facility. The site is located at 32.609033°, -103.487268° within Unit D, S05, T20S, and R35E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 8, 2025, due to a equipment failure: separator freezing up. It resulted in the release of ten (10) barrels of produced water, with zero (0) barrels recovered. The incident occurred on pad and out in the pasture. Refer to Figure 3 for the affected area. The Notification of Release is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.63 miles South of the site in S5, T20S, R35E and was drilled in 1996. The well has a reported depth to groundwater of 53.48' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12, 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.

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4.0 Site Assessment Activities

Initial Site Assessment

On January 13, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of four (4) sample points and five (5) horizontal samples were advanced to depths ranging from the surface to 3' bgs inside and surrounding the release area to assess the vertical and horizontal extent. 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 D. See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to guide excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on January 16, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the NMOCD correspondence. The area of S-1 was excavated to a depth of 1.5' bgs. A total of nineteen (19) confirmation floor samples (CS-1 through CS-19) and six (6) sidewall samples (SW-1 through SW-6) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A & 4B.

All final confirmation samples were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A composite sample of the backfill material was collected for laboratory analysis on January 21, 2025, before being utilized. Refer to Table 2. Approximately 240 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. Caza formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring
Environmental Manager

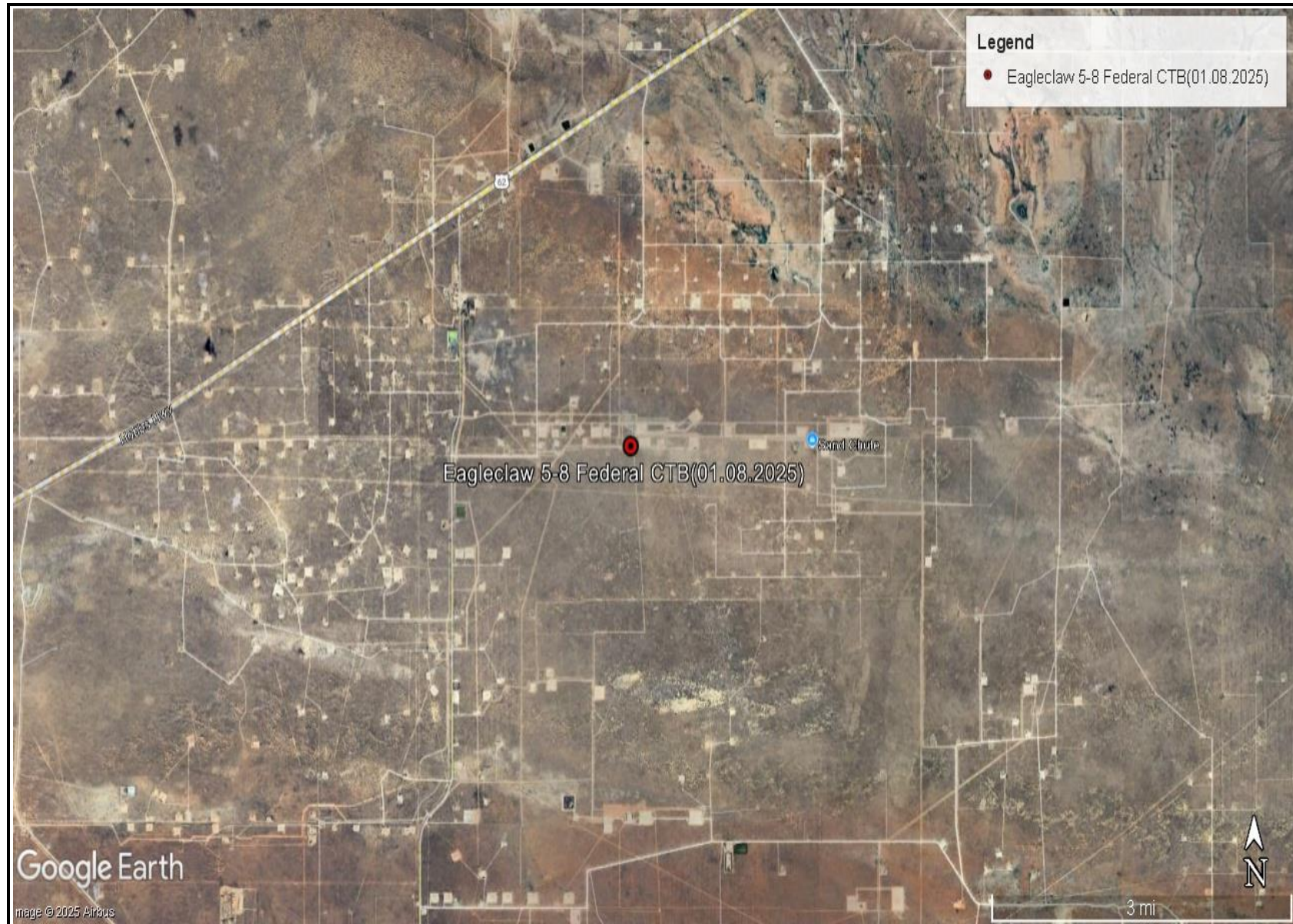
Ivan Ramos
Project Manager


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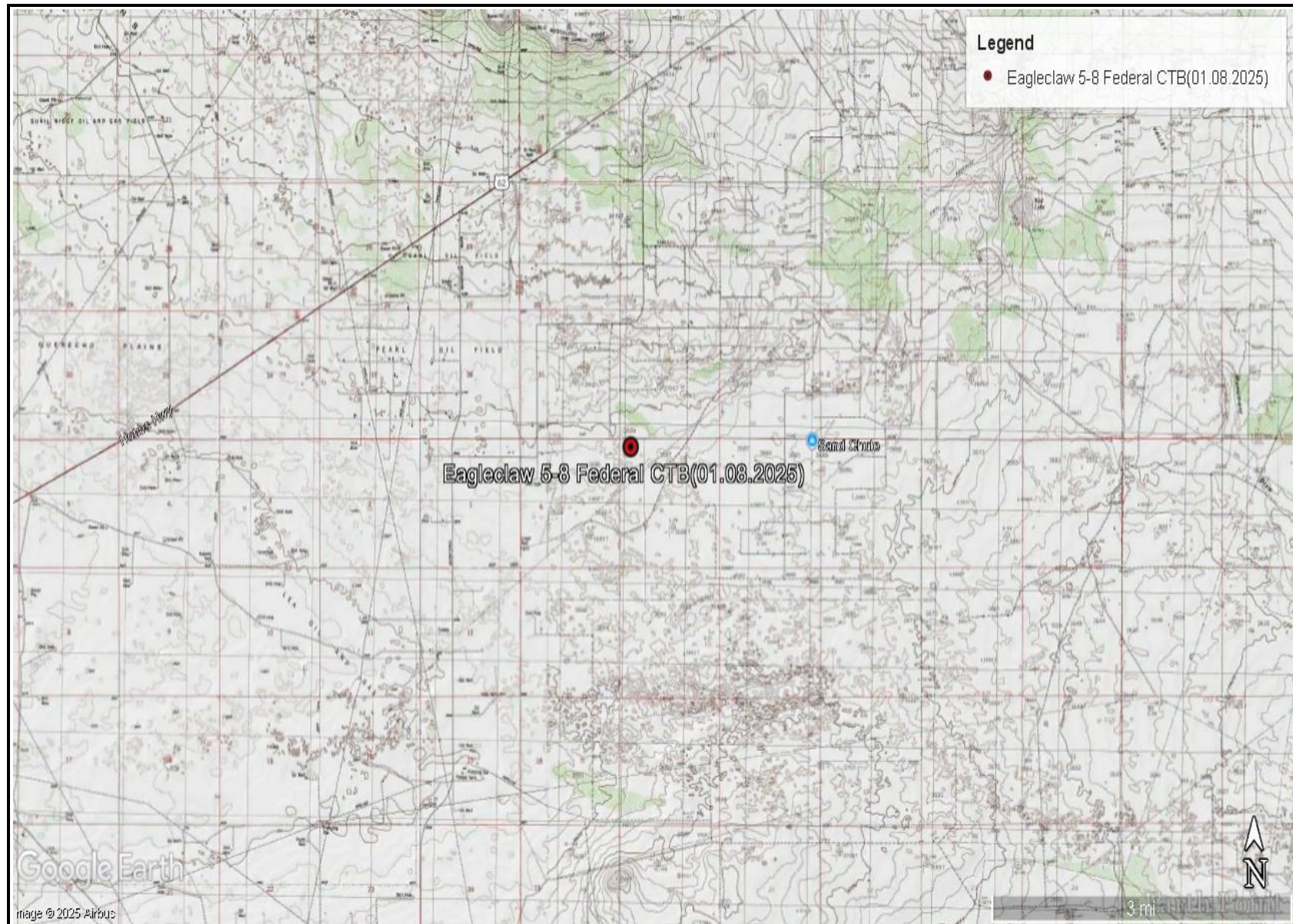
FIGURES

CARMONA RESOURCES





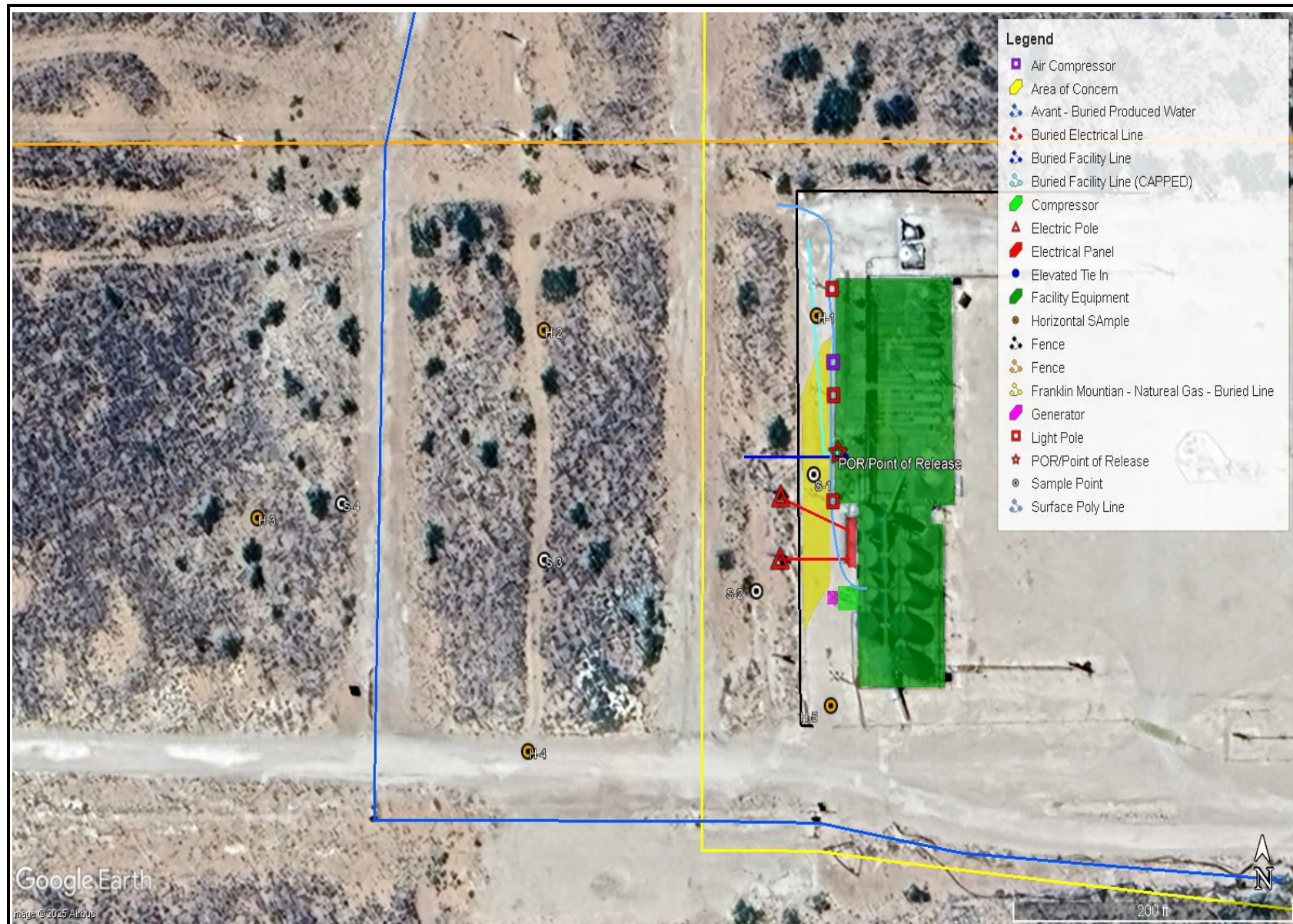
<p>SITE LOCATION MAP CAZA OPERATING EAGLE CLAW 5-8 FEDERAL 1H-2H PRODUCTION FACILITY LEA COUNTY, NEW MEXICO 32.609033, -103.487268</p>	<p>CARMONA RESOURCES</p> 	<p>FIGURE 1</p>
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TOPOGRAPHIC MAP
CAZA OPERATING
EAGLE CLAW 5-8 FEDERAL 1H-2H PRODUCTION FACILITY
LEA COUNTY, NEW MEXICO
32.609033, -103.487268



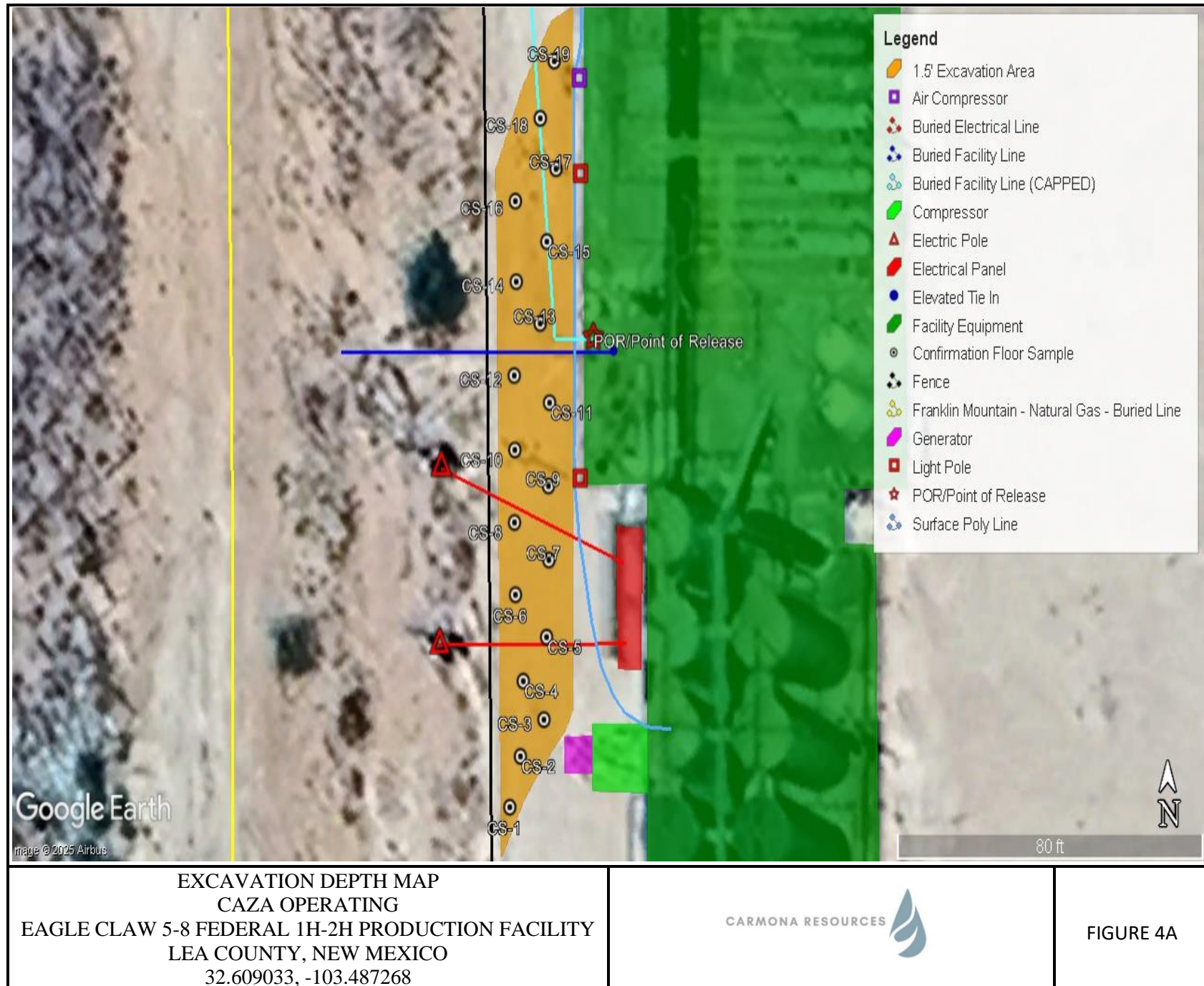
FIGURE 2

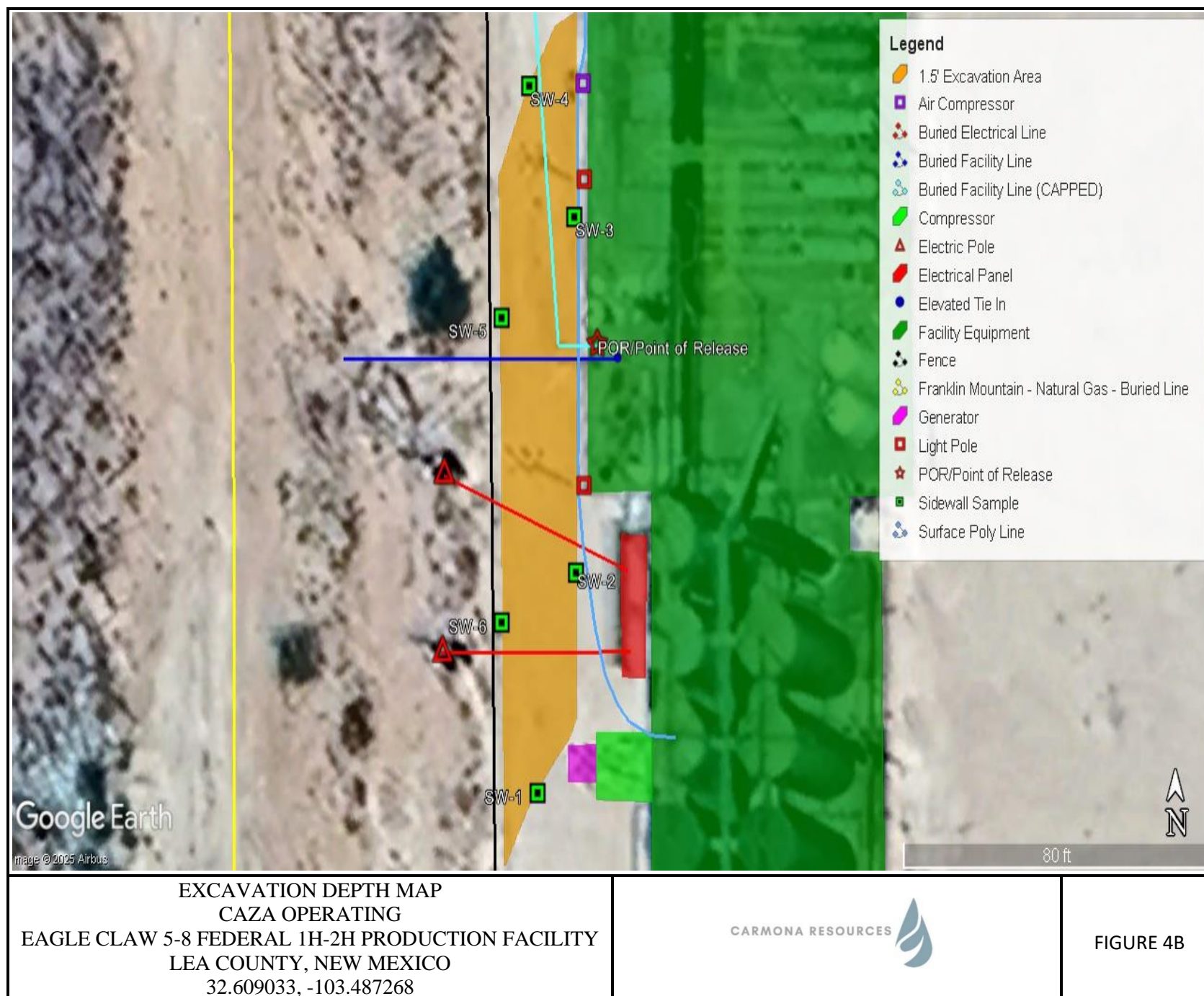


SAMPLE LOCATION MAP
CAZA OPERATING
EAGLE CLAW 5-8 FEDERAL 1H-2H PRODUCTION FACILITY
LEA COUNTY, NEW MEXICO
32.609033, -103.487268



FIGURE 3





APPENDIX A

CARMONA RESOURCES



Table 1
Caza Operating
Eagle Claw 5-8 Federal 1H-2H Production Facility
Lea 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						
S-1	1/13/2025	0-1'	<10.0	2,490	607	3,097	<0.050	<0.050	<0.050	<0.150	<0.300	1,060
	"	1.5'	<10.0	11.8	30.6	42.4	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-2	1/13/2025	0-1'	<10.0	18.4	<10.0	18.4	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-3	1/13/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
S-4	1/13/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-1	1/13/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-2	1/13/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	1/13/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-4	1/13/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-5	1/13/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
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

(S) Sample Points

(H) Horizontal Sample

 Removed

Table 2
Caza Operating, LLC
Eagle Claw 5-8 Federal CTB
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-2	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-3	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-4	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-5	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-6	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-8	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-10	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-11	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-12	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-13	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-14	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-15	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-16	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-17	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-18	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-19	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-1	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-3	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-4	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-6	1/21/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Sims Pit	1/21/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
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

(CS) Confirmation Sample

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Caza Operating

Photograph No. 1

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:

View Northeast of facility sign.



Photograph No. 2

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:

View South, area of CS-1 through CS-5.



Photograph No. 3

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:

View South, area of CS-6 through CS-8.



PHOTOGRAPHIC LOG

Caza Operating

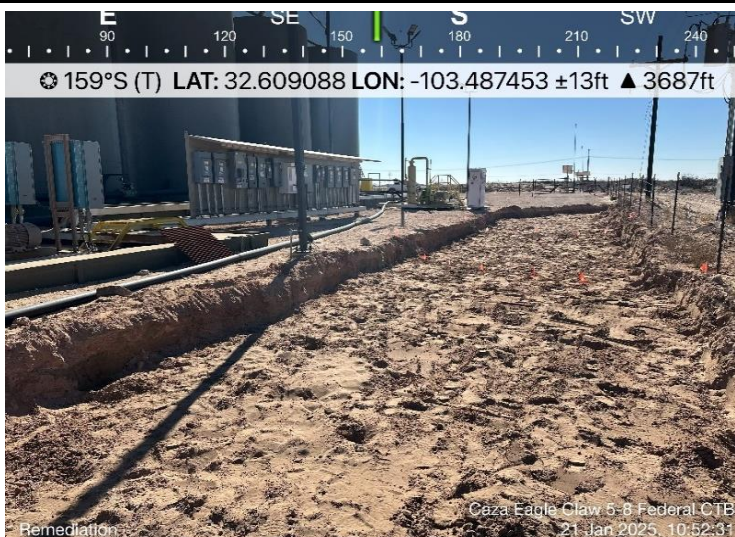
Photograph No. 4

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:

View South, area of CS-9 through CS-12.



Photograph No. 5

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:

View North, area of CS-13 through CS-16.



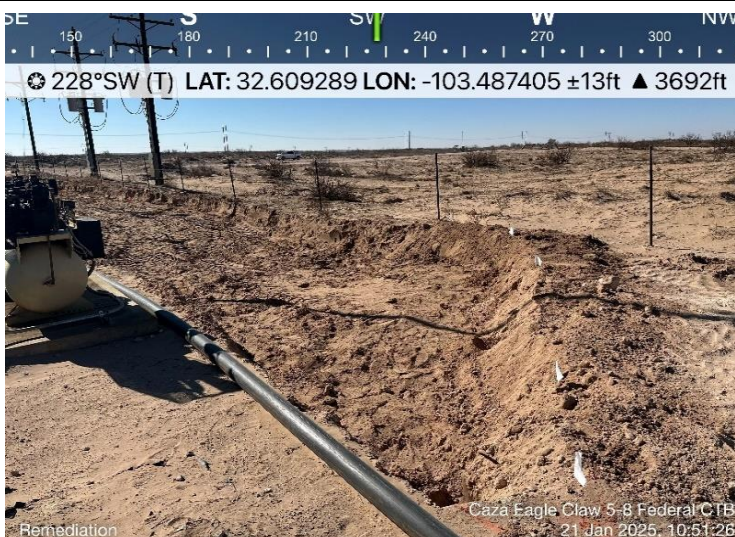
Photograph No. 6

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:

View Southwest, area of CS-17 through CS-19.



PHOTOGRAPHIC LOG

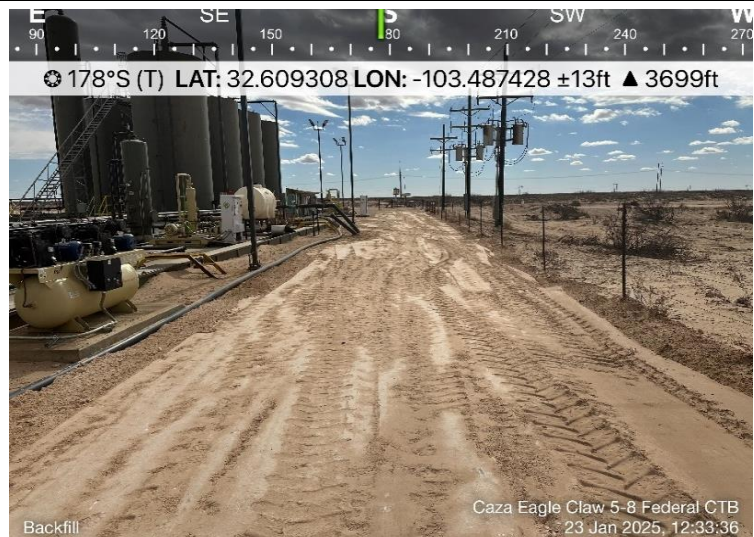
Caza Operating

Photograph No. 7

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:
View South of backfilled area.

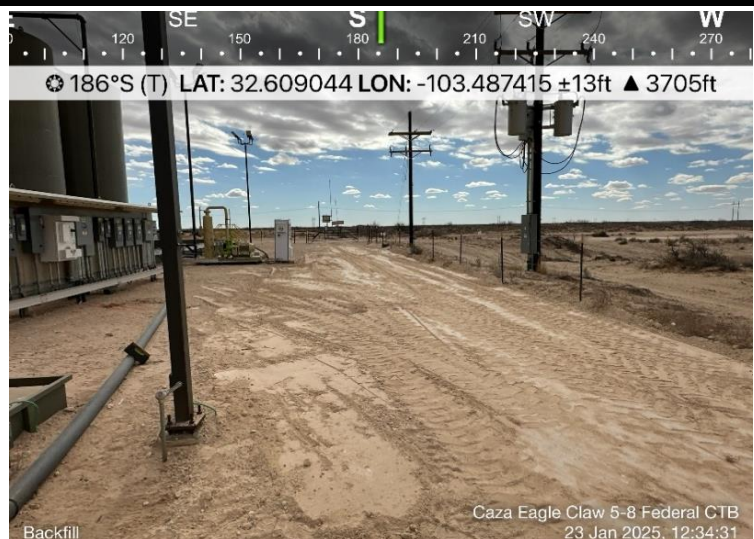


Photograph No. 8

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:
View South of backfilled area.

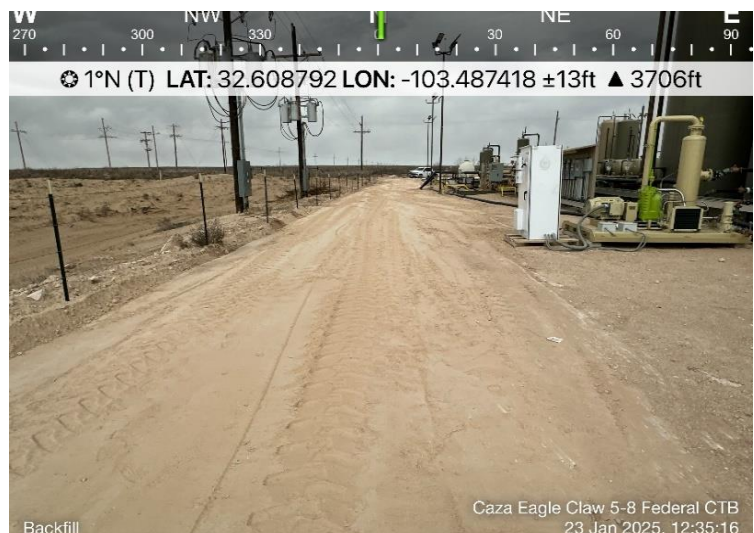


Photograph No. 9

Facility: Eagle Claw 5-8 Federal 1H-2H
Production Facility

County: Lea County, New Mexico

Description:
View North of backfilled area.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 418510

QUESTIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 418510
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Eagleclaw 5-8 Federal 1H-2H Production Facility
Date Release Discovered	01/08/2025
Surface Owner	Federal

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Freeze Separator Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	n/a

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

General Information
Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 418510

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 418510
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 418510

ACKNOWLEDGMENTS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 418510
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 418510

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 418510
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
karrendondo	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/8/2025

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

Location of spill: Eagleclaw 5-8 Federal 1H-2H Production Facility

Date of Spill: 8-Jan-2025

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

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0 BBL WATER: 10.0 BBL

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

Total Area Calculations

Total Surface Area	width	length	wet soil depth	oil (%)
Rectangle Area #1	100 ft	100 ft	X 0.50 in	0%
Rectangle Area #2	0 ft	0 ft	X 0 in	0%
Rectangle Area #3	0 ft	0 ft	X 0 in	0%
Rectangle Area #4	0 ft	0 ft	X 0 in	0%
Rectangle Area #5	0 ft	0 ft	X 0 in	0%
Rectangle Area #6	0 ft	0 ft	X 0 in	0%
Rectangle Area #7	0 ft	0 ft	X 0 in	0%
Rectangle Area #8	0 ft	0 ft	X 0 in	0%

Standing Liquid Calculations

Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	0 ft	0 ft	X 1 in	0%
Rectangle Area #2	0 ft	0 ft	X 0 in	0%
Rectangle Area #3	0 ft	0 ft	X 0 in	0%
Rectangle Area #4	0 ft	0 ft	X 0 in	0%
Rectangle Area #5	0 ft	0 ft	X 0 in	0%
Rectangle Area #6	0 ft	0 ft	X 0 in	0%
Rectangle Area #7	0 ft	0 ft	X 0 in	0%
Rectangle Area #8	0 ft	0 ft	X 0 in	0%

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD)

Total Hydrocarbon Content in gas: 0% (percentage)

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

H2S Content in Produced Gas: 0 PPM

H2S Content in Tank Vapors: 0 PPM

Amount of Free Liquid
Recovered: 0 BBL

okay

Percentage of Oil in Free Liquid
Recovered: 0% (percentage)

Liquid holding factor *: 0.14 gal per gal

Use the following when the spill wets the grains of the soil.

* Sand = 0.08 gallon (gal.) liquid per gal. volume of soil.

* Gravelly (caliche) loam = 0.14 gal. liquid per gal. volume of soil.

* Sandy clay loam soil = 0.14 gal liquid per gal. volume of soil.

* Clay loam = 0.16 gal. liquid per gal. volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

Occurs when the spill soaked soil is contained by barriers, natural (or not).

* Clay loam = 0.20 gal. liquid per gal. volume of soil.

* Gravelly (caliche) loam = 0.25 gal. liquid per gal. volume of soil.

* Sandy loam = 0.5 gal. liquid per gal. volume of soil.

Total Solid/Liquid Volume: 10,000 sq. ft.

417 cu. ft.

cu. ft.

Total Free Liquid Volume:

sq. ft.

cu. ft.

cu. ft.

Estimated Volumes Spilled

	H2O	OIL
Liquid in Soil:	10.4 BBL	0.0 BBL
Free Liquid:	0.0 BBL	0.0 BBL
Totals:	10.4 BBL	0.0 BBL

Total Liquid Spill Liquid:

10.0 BBL

0.00 BBL

Recovered Volumes

Estimated oil recovered: BBL check - okay
Estimated water recovered: BBL check - okay

Estimated Production Volumes Lost

	H2O	OIL
Estimated Production Spilled:	10.0 BBL	0.0 BBL

Estimated Surface Damage

Surface Area: 10,000 sq. ft.
Surface Area: .2296 acre

Estimated Weights, and Volumes

Saturated Soil = 46,667 lbs 417 cu. ft. 15 cu. yds.
Total Liquid = 10 BBL 420 gallon 3,494 lbs

Air Emission from flowline leaks:

Volume of oil spill: - BBL
Separator gas calculated: - MCF
Separator gas released: - MCF
Gas released from oil: - lb
H2S released: - lb
Total HC gas released: - lb
Total HC gas released: - MCF

Air Emission of Reporting Requirements:

	New Mexico	Texas
HC gas release reportable?	NO	NO
H2S release reportable?	NO	NO

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 418534

QUESTIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 418534
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500842081
Incident Name	NAPP2500842081 EAGLECLAW 5-8 FEDERAL 1H-2H PRODUCTION FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2428847412] Eagleclaw 5-8 Federal 1H-2H Production Facility

Location of Release Source

Please answer all the questions in this group.

Site Name	Eagleclaw 5-8 Federal 1H-2H Production Facility
Date Release Discovered	01/08/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Freeze Separator Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	n/a

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QUESTIONS, Page 2

Action 418534

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 418534
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 01/08/2025
--	---

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QUESTIONS, Page 3

Action 418534

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 418534
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Santa Fe, NM 87505

CONDITIONS

Action 418534

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 418534
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	1/8/2025

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

QUESTIONS

Action 421754

QUESTIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 421754
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500842081
Incident Name	NAPP2500842081 EAGLECLAW 5-8 FEDERAL 1H-2H PRODUCTION FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2428847412] Eagleclaw 5-8 Federal 1H-2H Production Facility

Location of Release Source	
Site Name	Eagleclaw 5-8 Federal 1H-2H Production Facility
Date Release Discovered	01/08/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,800
What is the estimated number of samples that will be gathered	19
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Conner Moehring - 432.813.6823
Please provide any information necessary for navigation to sampling site	32.609055, -103.487422

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

CONDITIONS

Action 421754

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 421754
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
tberry	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/16/2025

APPENDIX D

CARMONA RESOURCES



Nearest water well

CAZA OPERATING, LLC

Legend

- 0.50 Mile Radius
- 0.63 Miles
- 0.96 Miles
- Eagleclaw 5-8 Federal 1H-2H Production Facility (01.08.2025)
- NMSEO Water Well
- USGS Water Well

Eagleclaw 5-8 Federal 1H-2H Production Facility (01.08.2025)

53.48' - Drilled 1996

64' - Drilled 1959


1 mi

Low Karst

CAZA OPERATING, LLC

Legend

- Eagleclaw 5-8 Federal 1H-2H Production Facility (01.08.2025)
- Low

Eagleclaw 5-8 Federal 1H-2H Production Facility (01.08.2025)

Google Earth



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 smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
L 04158		L	LE		NE	SE	05	20S	35E	643290.0	3608008.0 *		1540	70	64	6
L 15106 POD4		L	LE	SE	NW	NE	32	19S	35E	642990.4	3610409.5		1751	61	25	36
L 15106 POD3		L	LE	NE	NW	NE	32	19S	35E	642875.2	3610512.5		1783	60	29	31
L 14876 POD2		L	LE	NE	NW	NE	32	19S	35E	642991.9	3610483.4		1815	37	28	9
L 14876 POD1		L	LE	NE	NW	NE	32	19S	35E	643011.3	3610472.6		1816	25	0	25
L 14876 POD13		L	LE	NE	NW	NE	32	19S	35E	642986.7	3610500.0		1826	27	24	3
L 14876 POD8		L	LE	NE	NW	NE	32	19S	35E	642982.9	3610507.6		1831			
L 14876 POD10		L	LE	NE	NW	NE	32	19S	35E	642998.2	3610500.1		1832			
L 14876 POD12		L	LE	NE	NW	NE	32	19S	35E	642973.7	3610515.5		1833			
L 14876 POD9		L	LE	NE	NW	NE	32	19S	35E	643000.4	3610508.5		1841			
L 14876 POD7		L	LE	NE	NW	NE	32	19S	35E	643000.0	3610515.6		1846	19	18	1
L 14876 POD11		L	LE	NE	NW	NE	32	19S	35E	642989.5	3610522.8		1847			
L 14876 POD5		L	LE	NE	NW	NE	32	19S	35E	642980.8	3610531.3		1850	27	21	6
L 14876 POD4		L	LE	NE	NW	NE	32	19S	35E	643015.9	3610516.4		1855	22	20	2
L 14876 POD14		L	LE	NE	NW	NE	32	19S	35E	643023.3	3610529.4		1870			
L 14876 POD3		L	LE	NE	NW	NE	32	19S	35E	643014.1	3610535.2		1871	40		
L 15106 POD2		L	LE	NW	NE	NE	32	19S	35E	643119.3	3610506.8		1903	60	30	30
L 15106 POD1		L	LE	NE	NW	NE	32	19S	35E	643002.4	3610606.5		1926	60	26	34
L 04157		L	LE		SW	SW	06	20S	35E	640483.0	3607561.0 *		2083	70	64	6
L 14552 POD12		L	LE	NE	SW	NE	04	20S	35E	644534.6	3608505.6		2515	1389		
CP 00683 POD1		CP	LE	SW	SW	SE	25	19S	34E	639530.0	3610685.0 *		3075	120	28	92
CP 01672 POD1		CP	LE	NW	SW	NW	36	19S	34E	638735.9	3610009.6		3490	100		
CP 00654 POD1		CP	LE		SE	SE	12	20S	34E	640103.0	3605947.0 *		3563	60		
L 12473 POD1		L	LE	NE	NW	NE	27	19S	38E	643912.6	3612109.2		3683	105	60	45
L 12746 POD1		L	LE	SE	NE	SE	27	19S	38E	643912.6	3612109.2		3683	128	58	70
L 08941		L	LE	NE	SW	SW	19	19S	35E	640509.6	3612523.3		3912	600	286	314

Minimum Depth: **0 feet**

Maximum Depth: **286 feet**

Record Count: 26

UTM Filters (in meters):

Easting: 642054.49

Northing: 3608928.97

Radius: 4000

* UTM location was derived from PLSS - see Help

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

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
Groundwater										New Mexico	GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 323545103285701

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

USGS 323545103285701 20S.35E.05.31424

Lea County, New Mexico
Latitude 32°35'59", Longitude 103°29'03" NAD27
Land-surface elevation 3,685.00 feet above NGVD29
The depth of the well is 70 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1961-03-08			D 62610		3623.44	NGVD29	P	Z			A
1961-03-08			D 62611		3624.98	NAVD88	P	Z			A
1961-03-08			D 72019	61.56			P	Z			A
1966-04-06			D 62610		3631.13	NGVD29	1	Z			A
1966-04-06			D 62611		3632.67	NAVD88	1	Z			A
1966-04-06			D 72019	53.87			1	Z			A
1971-01-21			D 62610		3630.42	NGVD29	P	Z			A
1971-01-21			D 62611		3631.96	NAVD88	P	Z			A
1971-01-21			D 72019	54.58			P	Z			A
1976-02-19			D 62610		3631.44	NGVD29	1	Z			A
1976-02-19			D 62611		3632.98	NAVD88	1	Z			A
1976-02-19			D 72019	53.56			1	Z			A
1981-02-17			D 62610		3631.60	NGVD29	1	Z			A
1981-02-17			D 62611		3633.14	NAVD88	1	Z			A
1981-02-17			D 72019	53.40			1	Z			A
1986-04-02			D 62610		3632.17	NGVD29	1	Z			A
1986-04-02			D 62611		3633.71	NAVD88	1	Z			A
1986-04-02			D 72019	52.83			1	Z			A
1991-07-03			D 62610		3630.77	NGVD29	1	S			A
1991-07-03			D 62611		3632.31	NAVD88	1	S			A
1991-07-03			D 72019	54.23			1	S			A
1996-01-25			D 62610		3631.52	NGVD29	1	S			A
1996-01-25			D 62611		3633.06	NAVD88	1	S			A
1996-01-25			D 72019	53.48			1	S			A

Date	Time	?	?	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?	?	?	?	?
		Water-level date-time accuracy	Parameter code				Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
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						
Status				P	Pumping						
Method of measurement				S	Steel-tape measurement.						
Method of measurement				Z	Other.						
Measuring agency					Not determined						
Source of measurement					Not determined						
Water-level approval status				A	Approved for publication -- Processing and review completed.						

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=323545103285701&agency_cd=USGS&format=html)



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Page Last Modified: 2025-01-13 20:41:02 EST
0.39 0.28 nadww02

SANTA FE

STATE ENGINEER OFFICE

WELL RECORD

492209

Section 1

(A) Owner of well Virgil Liman

Street and Number P. O. Box 743

City Hobbs,

State New Mexico

Well was drilled under Permit No. L-4158 and is located in the 1/4 NE 1/4 SE 1/4 of Section 5 Twp. 20 S Rge. 35 E

(B) Drilling Contractor W. L. Van Noy

License No. **WD-208**

Street and Number P. O. Box 74

City Oil Center,

State **New Mexico**

Drilling was commenced Dec. 11, 199

Drilling was completed Dec. 12, 1959

(Plat of 640 acres)

Elevation at top of casing in feet above sea level_____Total depth of well___70

State whether well is shallow or artesian _____ Depth to water upon completion 64

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1	65	68	3	Course water sand
2				
3				
4				
5				

Section 3

RECORD OF CASING

[illegible]

Section 4

RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				

Section 5

PLUGGING RECORD

Name of Plugging Contractor _____ License No. _____

Street and Number _____ City _____ State _____

Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____

Plugging method used _____ Date Plugged _____ 19____

Plugging approved by: _____ Cement Plugs were placed as follows:

Cement Plugs were placed as follows:

Basin Supervisor

FOR USE OF STATE ENGINEER ONLY

Date Received _____

1959 DEC 18 PM 8:31

File No. 2-4158

Use 2 cm

Location No. 20.35.5.420

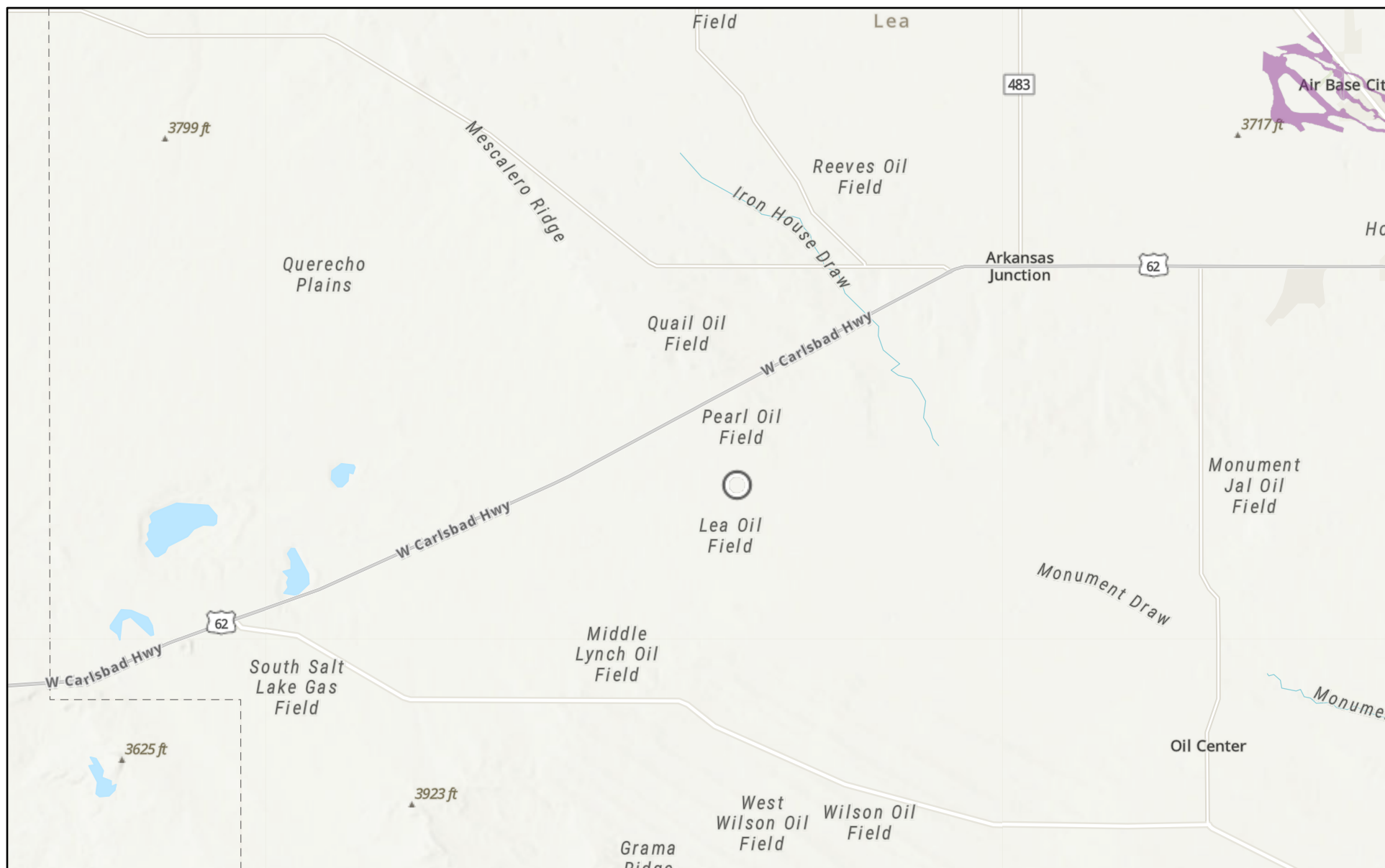
L-4158

LOG OF WELL

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

W. L. Van Nor
Well Driller

Eagleclaw 5-8 Federal 1H-2H Production Facility (01.08.2025)



1/13/2025

USA Flood Hazard Areas

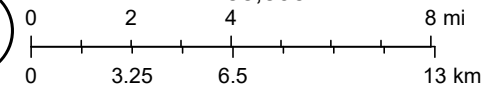
0.2% Annual Chance Flood Hazard

1% Annual Chance Flood Hazard

World Hillshade

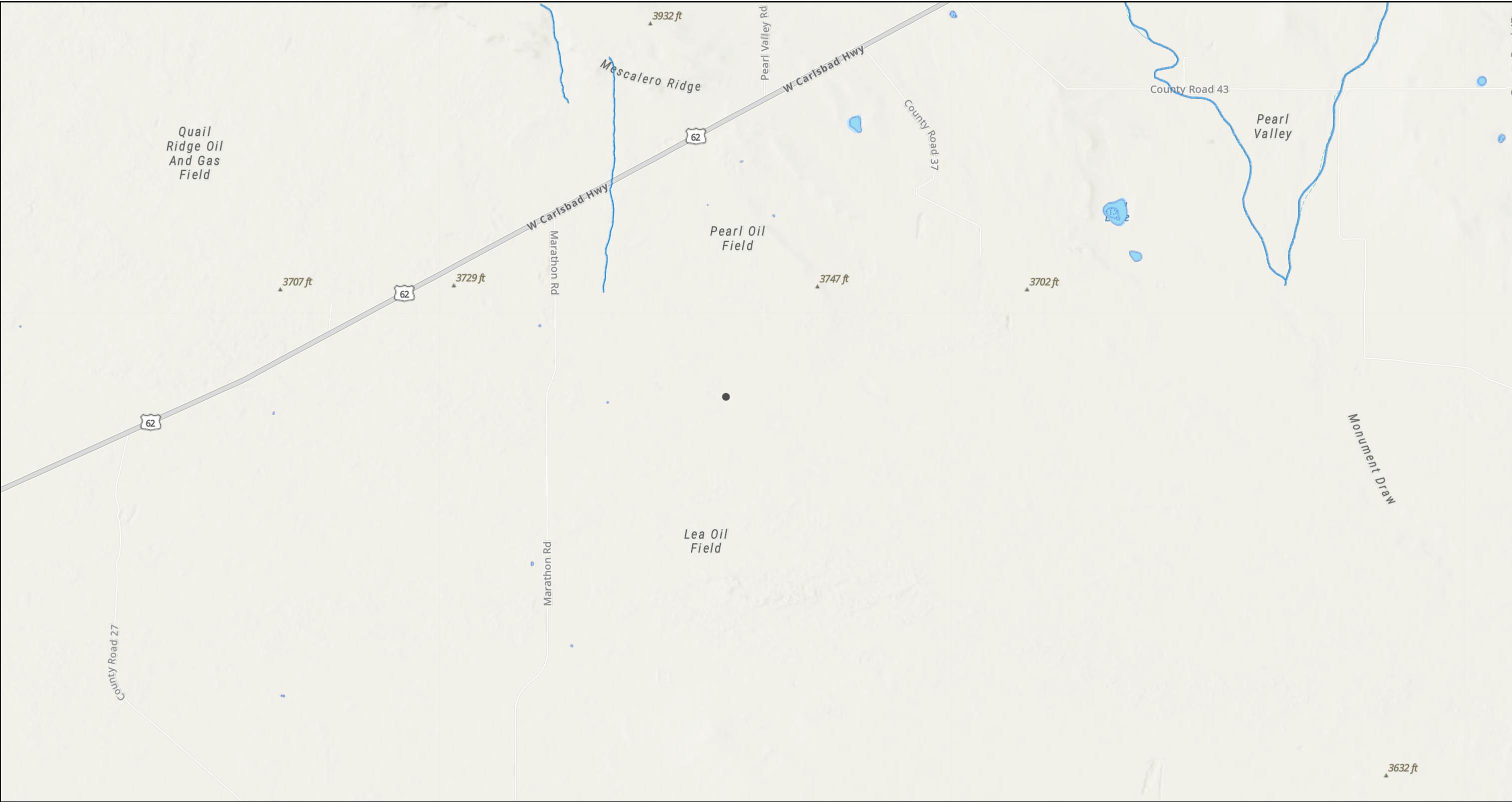


1:288,895



Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, METI/
NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA, USGS

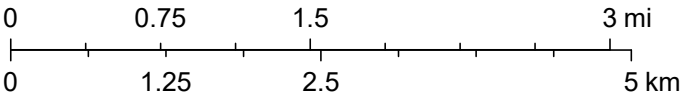
Eagleclaw 5-8 Federal 1H-2H Production Facility (01.08.2025)



1/13/2025, 7:34:38 PM

- OSW Water Bodys
- OSE Probable Playas
- OSE Streams

1:72,224



Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA, USGS, FEMA, NM OSE

APPENDIX E

CARMONA RESOURCES





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

January 14, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: EAGLE CLAW 5-8 FEDERAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/13/25 15:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/14/2025	Sampling Type:	Soil
Project Name:	EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO, NM		

Sample ID: S - 1 (0-1') (H250164-01)

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	01/14/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.89	98.2	6.00	2.69		
Total BTX	<0.300	0.300	01/14/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	2490	10.0	01/13/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	607	10.0	01/13/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 (1.5') (H250164-02)

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	01/14/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.89	98.2	6.00	2.69		
Total BTEX	<0.300	0.300	01/14/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	11.8	10.0	01/13/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	30.6	10.0	01/13/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 (2') (H250164-03)

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	01/14/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.89	98.2	6.00	2.69		
Total BTEX	<0.300	0.300	01/14/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 (3') (H250164-04)

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	01/14/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.89	98.2	6.00	2.69		
Total BTEX	<0.300	0.300	01/14/2025	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	48.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 (0-1') (H250164-05)

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	01/14/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.89	98.2	6.00	2.69		
Total BTEX	<0.300	0.300	01/14/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	18.4	10.0	01/14/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 (1.5') (H250164-06)

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	01/14/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.89	98.2	6.00	2.69		
Total BTEx	<0.300	0.300	01/14/2025	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	48.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 (2') (H250164-07)

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	01/14/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.89	98.2	6.00	2.69		
Total BTEX	<0.300	0.300	01/14/2025	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	32.0	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (0-1') (H250164-08)

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	01/14/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.89	98.2	6.00	2.69		
Total BTX	<0.300	0.300	01/14/2025	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	16.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (1.5') (H250164-09)

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	01/13/2025	ND	1.70	85.1	2.00	9.31	QM-07, QR-03
Toluene*	<0.050	0.050	01/13/2025	ND	1.85	92.5	2.00	7.87	QM-07, QR-03
Ethylbenzene*	<0.050	0.050	01/13/2025	ND	1.89	94.5	2.00	6.86	QM-07, QR-03
Total Xylenes*	<0.150	0.150	01/13/2025	ND	5.65	94.2	6.00	7.16	QM-07, QR-03
Total BTEX	<0.300	0.300	01/13/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2025	ND	187	93.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	01/13/2025	ND	176	88.1	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	01/13/2025	ND					

Surrogate: 1-Chlorooctane 101 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (2') (H250164-10)

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	01/14/2025	ND	1.70	85.1	2.00	9.31		
Toluene*	<0.050	0.050	01/14/2025	ND	1.85	92.5	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.65	94.2	6.00	7.16		
Total BTEX	<0.300	0.300	01/14/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2025	ND	187	93.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	01/13/2025	ND	176	88.1	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	01/13/2025	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 (0-1') (H250164-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/14/2025	ND	1.70	85.1	2.00	9.31		
Toluene*	<0.050	0.050	01/14/2025	ND	1.85	92.5	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	1.89	94.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.65	94.2	6.00	7.16		
Total BTEx	<0.300	0.300	01/14/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2025	ND	187	93.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	01/13/2025	ND	176	88.1	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	01/13/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 11250164

Page 1 of 2

Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com			
Project Name: Eagle Claw 5-8 Federal CTB		Turn Around		Pres. Code	
Project Number: 2624		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			
Project Location: Lea County, New Mexico		Due Date: 24 HR			
Sampler's Name: CRM & PB		Wet Ice:			
PO #:		Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
SAMPLE RECEIPT		Thermometer ID: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Corrected Temperature: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Total Containers:					
Sample Identification		Date	Time	Soil	Water
S-1 (0-1')		1/13/2025		X	G
S-1 (1.5')		1/13/2025		X	G
S-1 (2')		1/13/2025		X	G
S-1 (3')		1/13/2025		X	G
S-2 (0-1')		1/13/2025		X	G
S-2 (1.5')		1/13/2025		X	G
S-2 (2')		1/13/2025		X	G
S-3 (0-1')		1/13/2025		X	G
S-3 (1.5')		1/13/2025		X	G
S-3 (2')		1/13/2025		X	G
Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com					
Relinquished by: (Signature)		Date/Time	Received by: (Signature)		
<u>Conner Moehring</u>		1-13-25 1531	<u>Shadrach</u>		

Program: ☒ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV

Reporting Level: ☐ EDD ☐ ADAPT ☐ Other:

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

None: NO	DI Water: H ₂ O
Cool: Cool	MeOH: Me
HCL: HC	HNO ₃ : HN
H ₂ SO ₄ : H ₂	NaOH: Na
H ₃ PO ₄ : HP	
NaHSO ₄ : NABIS	
Na ₂ S ₂ O ₃ : NaSO ₃	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Sample Comments: 1-13-25 1531

Work Order No:

Page 15 of 15

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

[illegible]

Date/Time

Released to Imaging: 2/25/2025 11:09:55 AM



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January 14, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: EAGLE CLAW 5-8 FEDERAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/13/25 15:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 1 (0-0.5') (H250161-01)

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	01/13/2025	ND	1.64	82.2	2.00	2.09	
Toluene*	<0.050	0.050	01/13/2025	ND	1.77	88.7	2.00	0.936	
Ethylbenzene*	<0.050	0.050	01/13/2025	ND	1.81	90.4	2.00	0.0715	
Total Xylenes*	<0.150	0.150	01/13/2025	ND	5.42	90.3	6.00	0.254	
Total BTX	<0.300	0.300	01/13/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	187	93.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	192	95.8	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 2 (0-0.5') (H250161-02)

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	01/13/2025	ND	1.64	82.2	2.00	2.09		
Toluene*	<0.050	0.050	01/13/2025	ND	1.77	88.7	2.00	0.936		
Ethylbenzene*	<0.050	0.050	01/13/2025	ND	1.81	90.4	2.00	0.0715		
Total Xylenes*	<0.150	0.150	01/13/2025	ND	5.42	90.3	6.00	0.254		
Total BTEX	<0.300	0.300	01/13/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	187	93.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	192	95.8	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 3 (0-0.5') (H250161-03)

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	01/13/2025	ND	1.64	82.2	2.00	2.09		
Toluene*	<0.050	0.050	01/13/2025	ND	1.77	88.7	2.00	0.936		
Ethylbenzene*	<0.050	0.050	01/13/2025	ND	1.81	90.4	2.00	0.0715		
Total Xylenes*	<0.150	0.150	01/13/2025	ND	5.42	90.3	6.00	0.254		
Total BTEX	<0.300	0.300	01/13/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	187	93.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	192	95.8	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 4 (0-0.5') (H250161-04)

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	01/13/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/13/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/13/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/13/2025	ND	5.89	98.2	6.00	2.69		
Total BTEX	<0.300	0.300	01/13/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	<10.0	10.0	01/13/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	01/13/2025	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/13/2025
 Reported: 01/14/2025
 Project Name: EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO, NM

Sampling Date: 01/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 5 (0-0.5') (H250161-05)

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	01/13/2025	ND	1.78	89.0	2.00	5.47		
Toluene*	<0.050	0.050	01/13/2025	ND	1.89	94.5	2.00	4.32		
Ethylbenzene*	<0.050	0.050	01/13/2025	ND	1.93	96.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	01/13/2025	ND	5.89	98.2	6.00	2.69		
Total BTEX	<0.300	0.300	01/13/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2025	ND	175	87.6	200	0.0548	
DRO >C10-C28*	<10.0	10.0	01/13/2025	ND	172	86.0	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	01/13/2025	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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:

H250161

Page 1 of 1[illegible]



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

January 22, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CAZA EAGLE CLAW 5-8 FEDERAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/21/25 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 1 (1.5') (H250345-01)

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	01/21/2025	ND	2.02	101	2.00	0.418	
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27	
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54	
Total BTX	<0.300	0.300	01/21/2025	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: KV				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/22/2025	ND	448	112	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 113 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 2 (1.5') (H250345-02)

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	01/21/2025	ND	2.02	101	2.00	0.418	
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27	
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54	
Total BTEX	<0.300	0.300	01/21/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/22/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 3 (1.5') (H250345-03)

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	01/21/2025	ND	2.02	101	2.00	0.418	
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27	
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54	
Total BTEX	<0.300	0.300	01/21/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 112 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 4 (1.5') (H250345-04)

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	01/21/2025	ND	2.02	101	2.00	0.418	
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27	
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54	
Total BTEX	<0.300	0.300	01/21/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 5 (1.5') (H250345-05)

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	01/21/2025	ND	2.02	101	2.00	0.418	
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27	
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54	
Total BTEX	<0.300	0.300	01/21/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 6 (1.5') (H250345-06)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEx	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 7 (1.5') (H250345-07)

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	01/21/2025	ND	2.02	101	2.00	0.418	
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27	
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54	
Total BTEX	<0.300	0.300	01/21/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 8 (1.5') (H250345-08)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/22/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 113 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 9 (1.5') (H250345-09)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/22/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 10 (1.5') (H250345-10)

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	01/21/2025	ND	2.02	101	2.00	0.418	
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27	
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54	
Total BTEX	<0.300	0.300	01/21/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 11 (1.5') (H250345-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 12 (1.5') (H250345-12)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 13 (1.5') (H250345-13)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 106 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 14 (1.5') (H250345-14)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 15 (1.5') (H250345-15)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 16 (1.5') (H250345-16)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 17 (1.5') (H250345-17)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 18 (1.5') (H250345-18)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: CS - 19 (1.5') (H250345-19)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: SW - 1 (1.5') (H250345-20)

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	01/21/2025	ND	2.02	101	2.00	0.418		
Toluene*	<0.050	0.050	01/21/2025	ND	2.08	104	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.07	104	2.00	3.27		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.33	105	6.00	2.54		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	216	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	198	99.1	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: SW - 2 (1.5') (H250345-21)

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	01/21/2025	ND	2.02	101	2.00	3.25		
Toluene*	<0.050	0.050	01/21/2025	ND	2.04	102	2.00	4.56		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.14	107	2.00	4.77		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.34	106	6.00	4.86		
Total BTX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	208	104	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	206	103	200	0.613	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: SW - 3 (1.5') (H250345-22)

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	01/21/2025	ND	2.02	101	2.00	3.25		
Toluene*	<0.050	0.050	01/21/2025	ND	2.04	102	2.00	4.56		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.14	107	2.00	4.77		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.34	106	6.00	4.86		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	0.0295	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	189	94.6	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

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

Received: 01/21/2025
 Reported: 01/22/2025
 Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB
 Project Number: 2624
 Project Location: LEA CO NM

Sampling Date: 01/21/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (1.5') (H250345-23)

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	01/21/2025	ND	2.02	101	2.00	3.25		
Toluene*	<0.050	0.050	01/21/2025	ND	2.04	102	2.00	4.56		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.14	107	2.00	4.77		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.34	106	6.00	4.86		
Total BTEX	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	0.0295	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	189	94.6	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 101 % 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
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: SW - 5 (1.5') (H250345-24)

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	01/21/2025	ND	2.02	101	2.00	3.25		
Toluene*	<0.050	0.050	01/21/2025	ND	2.04	102	2.00	4.56		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.14	107	2.00	4.77		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.34	106	6.00	4.86		
Total BTEx	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	0.0295	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	189	94.6	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: SW - 6 (1.5') (H250345-25)

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	01/21/2025	ND	2.02	101	2.00	3.25		
Toluene*	<0.050	0.050	01/21/2025	ND	2.04	102	2.00	4.56		
Ethylbenzene*	<0.050	0.050	01/21/2025	ND	2.14	107	2.00	4.77		
Total Xylenes*	<0.150	0.150	01/21/2025	ND	6.34	106	6.00	4.86		
Total BTEx	<0.300	0.300	01/21/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	0.0295	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	189	94.6	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	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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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

Work Order No.:

14250345

Page 1 of 3Page 28 of 30

Work Order No.:

458345

Page 2 of 3

Released to Imaging: 2/25/2025 11:09:55 AM

Chain of Custody

Work Order No.:

4250345

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Page 30 of 30



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

January 22, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CAZA EAGLE CLAW 5-8 FEDERAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/21/25 15:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/21/2025	Sampling Date:	01/21/2025
Reported:	01/22/2025	Sampling Type:	Soil
Project Name:	CAZA EAGLE CLAW 5-8 FEDERAL CTB	Sampling Condition:	Cool & Intact
Project Number:	2624	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: SIMS PIT (H250358-01)

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	01/22/2025	ND	2.08	104	2.00	2.83	
Toluene*	<0.050	0.050	01/22/2025	ND	2.16	108	2.00	2.25	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	2.03	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.69	112	6.00	2.21	
Total BTEX	<0.300	0.300	01/22/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/22/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	219	110	200	3.35	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	221	110	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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

Work Order No.:

4250358

Page 1 of 1[illegible]

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Phone: (505) 476-3441

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

QUESTIONS

Action 427188

QUESTIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 427188
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500842081
Incident Name	NAPP2500842081 EAGLECLAW 5-8 FEDERAL 1H-2H PRODUCTION FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2428847412] Eagleclaw 5-8 Federal 1H-2H Production Facility

Location of Release Source

Please answer all the questions in this group.

Site Name	Eagleclaw 5-8 Federal 1H-2H Production Facility
Date Release Discovered	01/08/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Freeze Separator Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	n/a

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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 427188

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 427188
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Tanya Berry Title: Sr. Engineering Tech Email: tberry@cazapetro.com Date: 01/31/2025
--	---

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 427188

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:
	249099
	Action Number:
	427188
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1060
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3097
GRO+DRO (EPA SW-846 Method 8015M)	2490
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/16/2025
On what date will (or did) the final sampling or liner inspection occur	01/21/2025
On what date will (or was) the remediation complete(d)	01/23/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	2800
What is the estimated volume (in cubic yards) that will be remediated	240
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Phone: (505) 476-3441

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

QUESTIONS, Page 4

Action 427188

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 427188
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Tanya Berry Title: Sr. Engineering Tech Email: tberry@cazapetro.com Date: 01/31/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 427188

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 427188
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 427188

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 427188
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	421754
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2025
What was the (estimated) number of samples that were to be gathered	19
What was the sampling surface area in square feet	2800

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2800
What was the total volume (cubic yards) remediated	240
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	no additional remediation took place outside of what is reported.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Tanya Berry Title: Sr. Engineering Tech Email: tberry@cazapetro.com Date: 01/31/2025

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QUESTIONS, Page 7

Action 427188

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 427188
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 427188

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 427188
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	2/25/2025