

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

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



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TOPOGRAPHIC

EXCAVATION DEPTH



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.

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



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

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

FIGURES

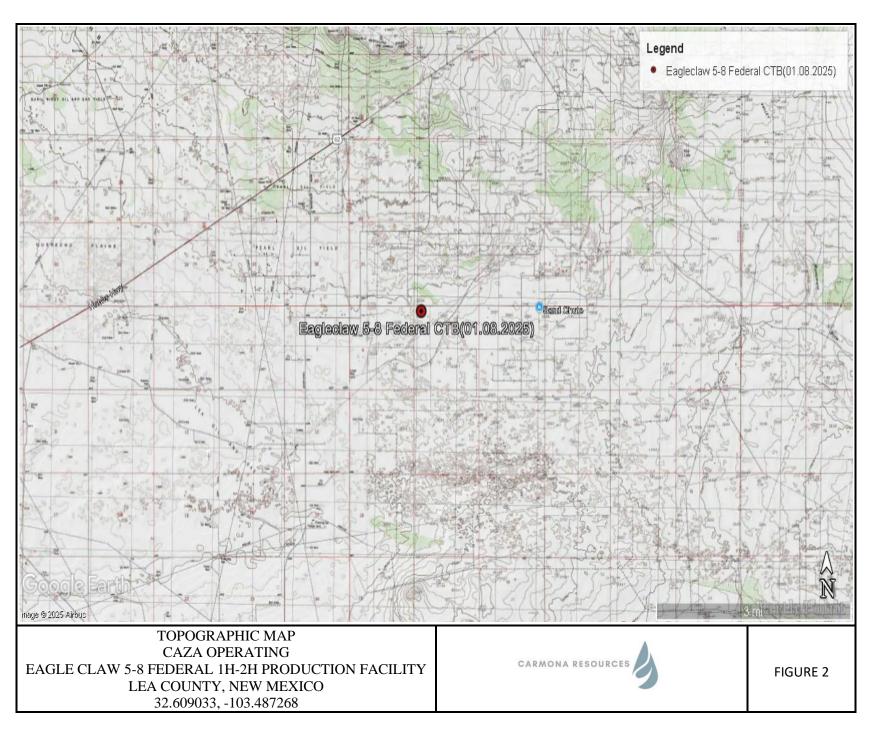
CARMONA RESOURCES

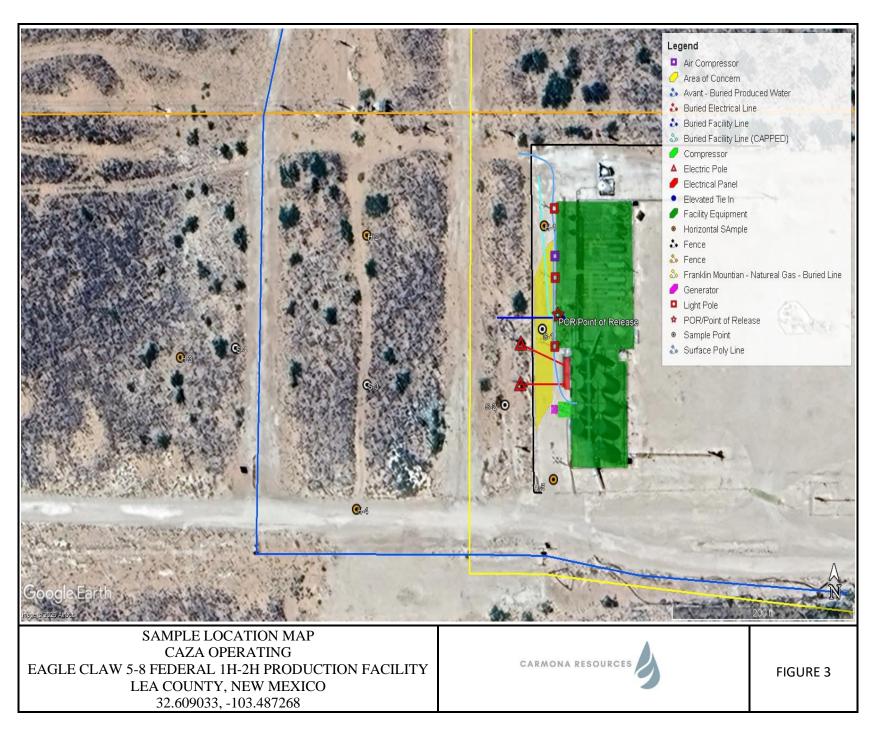


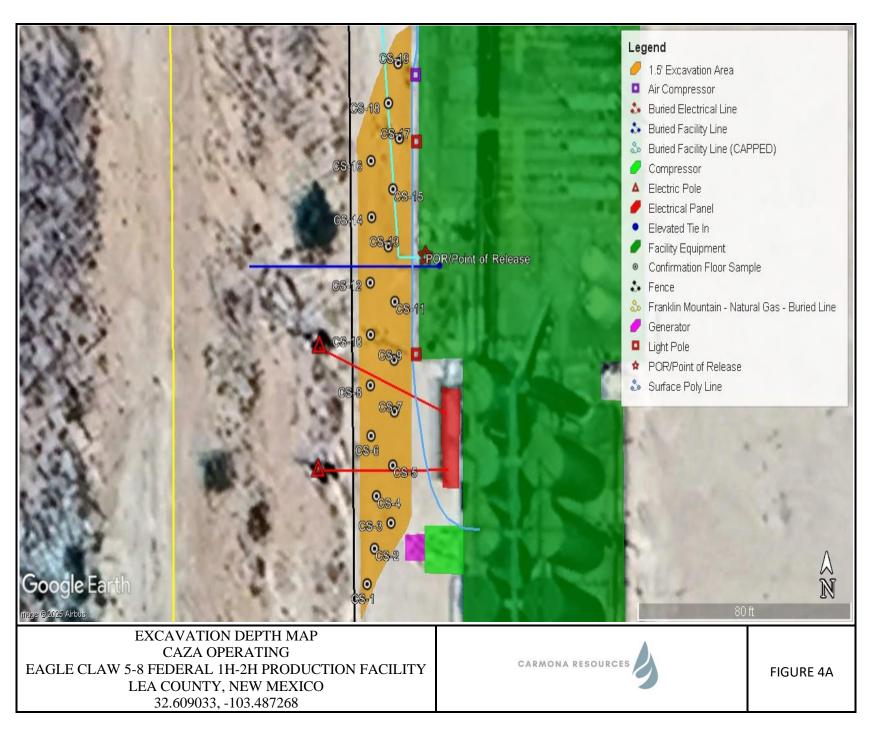
CAZA OPERATING EAGLE CLAW 5-8 FEDERAL 1H-2H PRODUCTION FACILITY LEA COUNTY, NEW MEXICO 32.609033, -103.487268

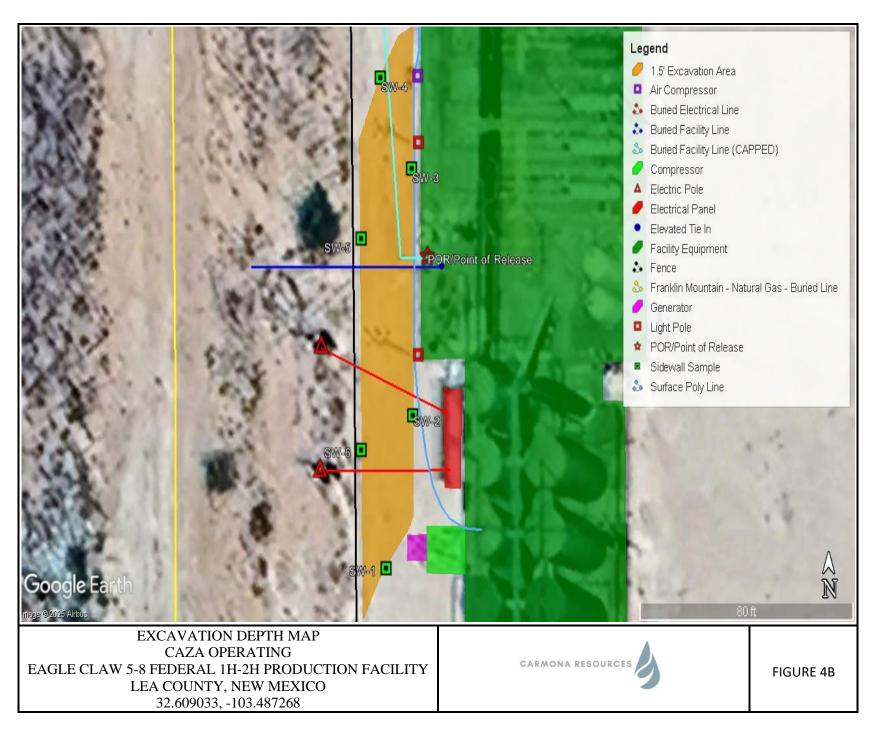
CARMONA RESOURCES

FIGURE 1









APPENDIX A

CARMONA RESOURCES

Table 1 **Caza Operating** Eagle Claw 5-8 Federal 1H-2H Production Facility Lea County, New Mexico

Commis ID	Data	Daniel (St)		TPH (mg/kg)		Benzene	Toluene	Ethlybenzene	Video (months)	Total BTEX	Chilanida (manilan)	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	Xylene (mg/kg)	(mg/kg)	Chloride (mg/kg)
	1/13/2025	0-1'	<10.0	2,490	607	3,097	<0.050	<0.050	<0.050	<0.150	<0.300	1,060
S-1	"	1.5'	<10.0	11.8	30.6	42.4	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
0 -1	п	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
	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
S-2	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	II .	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	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
S-3	"	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
	ory 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)		TPI	H (mg/kg)		Benzene	Toluene	Ethlybenzene	Yylono (ma/ka)	Total BTEX	Chlorido (ma/ka)
Sample ID	Date	Deptii (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	Xylene (mg/kg)	(mg/kg)	Chloride (mg/kg)
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
Regulato	ory 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

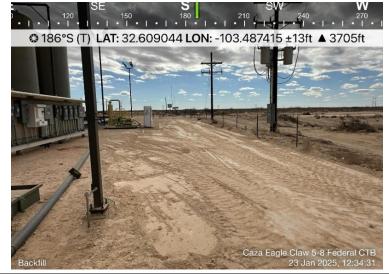
Facility: Eagle Claw 5-8 Federal 1H-2H

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

QUESTIONS

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				

ncident 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					

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

release

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

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

QUESTIONS, Page 2

Action 418510

QUESTIONS (continued)

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

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

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.

In Mad Days and a second secon							
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:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	418510
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Created By		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

		**	**** LIQ	UID SPILLS	- VOLU	JME CALCULATIO	NS *****				
Location	on of spill:	Eagleclaw 5-8	Federal 1H-2h	H Production Facility		Date of Spill:	8-Jan-	-2025			
		If the le	eak/spill is	associated with p	oroduction	n equipment, i.e wellhead	I, stuffing box,				
		flowline, to	ank battery,	, production vessel	, transfer բ	oump, or storage tank place	an "X" here:				
					Input I	Data:	OIL:	WATER			
If spill vol	umes from	measurement,	i.e. meterin	ıg, tank volumes, e	tc. are kno	own enter the volumes here:					
If "known"	spill volun	nes are given,	input data	for the following	"Area Cal	Iculations" is optional. Th	e above will ove	rride the calcula	ited vo	lumes.	
	Total A	rea Calculat	ions				Standing Liq	uid Calculati	ons		
Total Surface Area	width	len	ath	wet soil depth	oil (%)	Standing Liquid Area	width	length		liquid depth	oil (%)
Rectangle Area #1	100 ft		Oft X		0%	Rectangle Area #1		X 0	ft X	1 in	0%
Rectangle Area #2	0 ft		0 ft X		0%	Rectangle Area #2		X 0		0 in	0%
Rectangle Area #3	0 ft		0 ft X		0%	Rectangle Area #3		X 0		0 in	0%
Rectangle Area #4	0 ft		Oft X		0%	Rectangle Area #4		X 0		0 in	0%
Rectangle Area #5 Rectangle Area #6	0 ft 0 ft		0 ft X 0 ft X		0% 0%	Rectangle Area #5 Rectangle Area #6		X 0 X 0		0 in 0 in	0% 0%
Rectangle Area #7	0 ft		0 ft X		0%	Rectangle Area #7		X 0		0 in	0%
Rectangle Area #8	0 ft		0 ft X		0%	Rectangle Area #8				0 in	0%
					okay						
A 5 7 5 1 6	0"			-		DUCTION DATA REQUIRE	D				
Average Daily Production:	Oil 0	BBL Water	0 BI	BL 0 Gas	(MCFD)	Total Hydrocarbon C	Content in das:	0% (percentage	2)		
		_				-	-	" 3	=)		
Did leak occur before the separ	ator?:	YES	N/	/A (place an "X"	")	H2S Content in P H2S Content in		0 PPM 0 PPM			
Amount of Free Liquid Recovered:	0 BBI	L	oka	ау		Percentage of Oil	in Free Liquid Recovered:	0% (percentage	e)		
Liquid holding factor *:	0.14 gal	per gal	Use the fol	lowing when the spill w	ets the grain	s of the soil.	Use the following wh	en the liquid comple	tely fills t	the pore space of the	soil:
				.08 gallon (gal.) liquid p						barriers, natural (or n	ot).
				caliche) loam = 0.14 ga				al. liquid per gal. vol			
				ay loam soil = 0.14 gal l n = 0.16 gal. liquid per ç			* Gravelly (caliche) le	oam = 0.25 gal. liqui gal. liquid per gal. vol			
			Clay loan	ı – 0.10 gal. liquid per ç	gai. Volume (or soil.	Sandy Idam - 0.5 (gai. Ilquiu pei gai. voi	unie or s	50II.	
Total Solid/Liquid Volume:	10,000 sq.	ft. 41	7 cu. ft.	cu. f	ft.	Total Free Liquid Volume:	sq	. ft.	cu. ft.	cu.	ft.
Estimated Volumes S	Spilled					Estimated Production	n Volumes Lost			6 ''	
Liquid i	in Soil:	10.	<u>H2O</u> 4 BBL	<u>OIL</u> 0.0 BBL		Estimated Prod	uction Spilled:	<u>H2C</u> 10.0		OIL 0.0 BB	L
	Liquid: Totals:		0 BBL 4 BBL	0.0 BBL 0.0 BBL		Estimated Surfa	oo Damaga				
	i Otais.	10.	4 DDL	V.V BBL	•	Estimated Surfa Surface Area:		. ft.			
Total Liquid Spill	Liquid:	10.	0 BBL	0.00 BBL	-	Surface Area:	.2296 acı	re			
Recovered Volum	<u>ies</u>					Estimated Weights,	and Volumes				
Estimated oil recovered:	ВВ	L	check -	okay		Saturated Soil =	46,667 lbs	417	cu. ft.	15 cu.	yds.
Estimated water recovered:	ВВ	L	check -	okay		Total Liquid =	10 BB	3L 420	gallon	3,494 lbs	
Air Emission from flowl						Air Emission of Reporti			_		
Volume of oil spill:	- BBI						New Mexico		<u>Texas</u>		
Separator gas calculated:	- MC					HC gas release reportable?			NO		
Separator gas released: Gas released from oil:	- MC	г				H2S release reportable?	NU		NO		
Gas released from oil: H2S released:	- lb - lb										
Total HC gas released:	- lb										
Total HC gas released:	- MC	F									
. Sta. 1.0 gab foldadda.	1110	-									

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

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

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

QUESTIONS

Action 418534

QUESTIONS

ı	Operator:	OGRID:
ı	CAZA OPERATING, LLC	249099
ı	200 N Loraine St	Action Number:
ı	Midland, TX 79701	418534
ı		Action Type:
ı		[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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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 418534

QUESTIONS	(continued)
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Operator: CAZA OPERATING, LLC		OGRID: 249099		
200 N Loraine St		Action Number:		
Midland, TX 79701		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 ve	olumes this does not appear to be a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No			
Reasons why this would be considered a submission for a notification of a major release	Unavailable.			
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the	ne C-129 form.		
Initial Response				
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in init	IIV.		
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 remediactions to date in the follow-up C-141 submission. If remedial efforts have been successfully comple. Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	a lined containment area (see Subparagraph (a) of Paragraph (5) of		
I hereby certify that the information given above is true and complete to the best of my lead to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger publi adequately investigate and remo	c health or the environment. The acceptance of a C-141 report by ediate contamination that pose a threat to groundwater, surface		
I hereby agree and sign off to the above statement	Name: Kelly Arrendondo Title: Production Reporting M Email: karredondo@ntglobal Date: 01/08/2025			

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

QUESTIONS, Page 3

Action 418534

QUESTIONS (continued)

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

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

Remediation Plan					
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.					
Requesting a remediation plan approval with this submission	No				
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to					

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

CONDITIONS

Action 418534

CONDITIONS

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

CONDITIONS

	Created By	Condition	Condition Date
Ī	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:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 421754

CONDITIONS

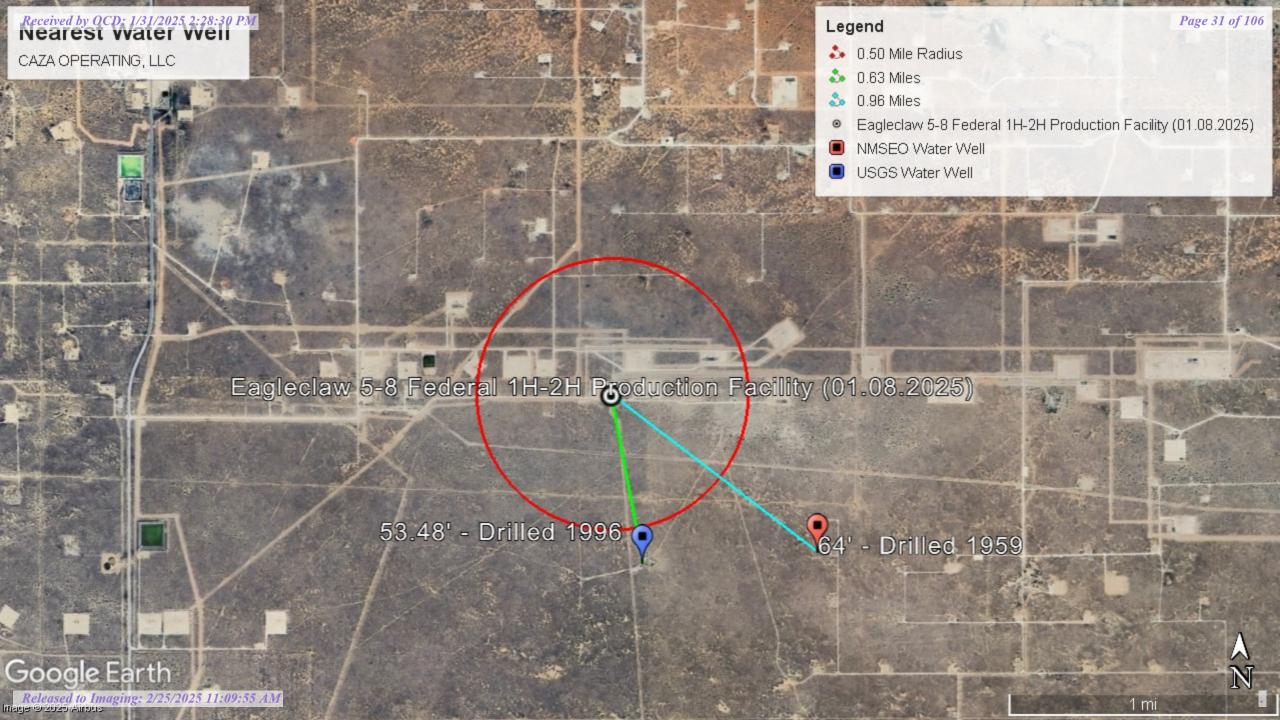
Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	421754
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

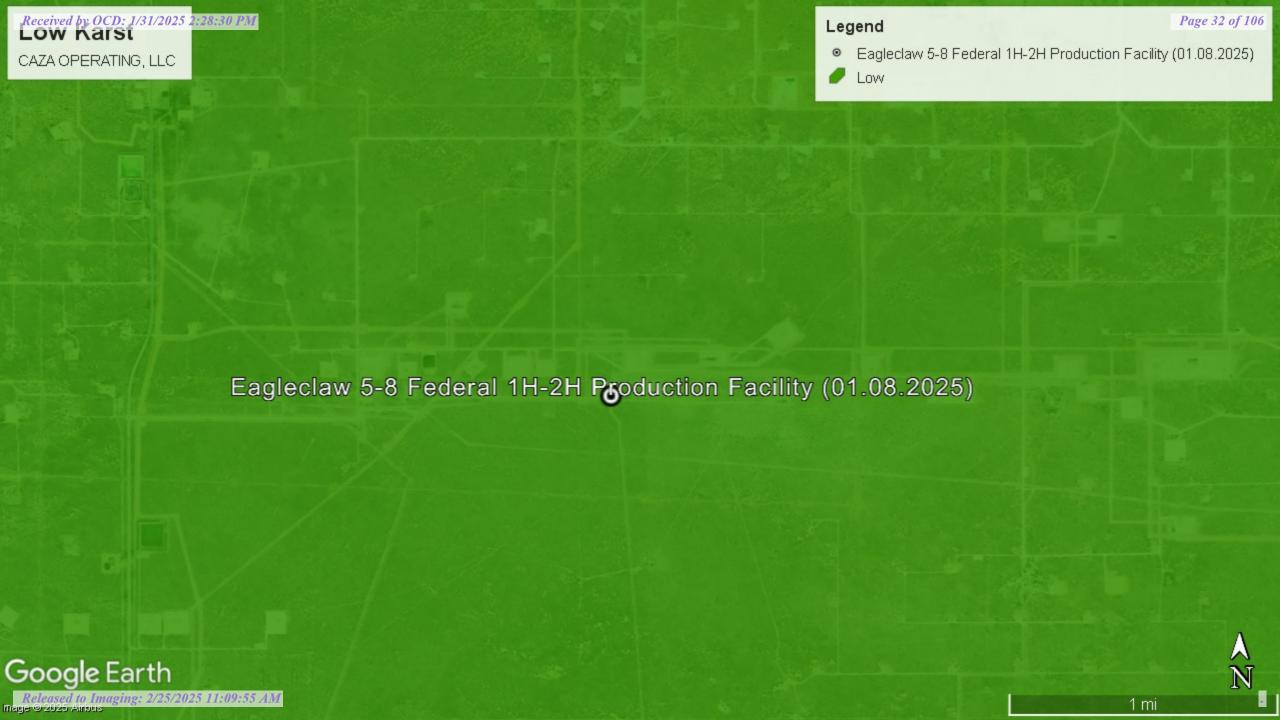
CONDITIONS

Create By		Condition Date
tberr	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







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)

water right file.)	closed)			smalle	est to la	rgest)							(meters)		(In feet)
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth		Water Column
<u>L 04158</u>		L	LE		NE	SE	05	20S	35E	643290.0	3608008.0 *	•	1540	70	64	6
<u>L 15106 POD4</u>		L	LE	SE	NW	NE	32	19S	35E	642990.4	3610409.5	•	1751	61	25	36
<u>L 15106 POD3</u>		L	LE	NE	NW	NE	32	19S	35E	642875.2	3610512.5	•	1783	60	29	31
<u>L 14876 POD2</u>		L	LE	NE	NW	NE	32	19S	35E	642991.9	3610483.4	•	1815	37	28	9
<u>L 14876 POD1</u>		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			
<u>L 14876 POD9</u>		L	LE	NE	NW	NE	32	19S	35E	643000.4	3610508.5	•	1841			
<u>L 14876 POD7</u>		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			
<u>L 14876 POD5</u>		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
<u>L 04157</u>		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
<u>L 12746 POD1</u>		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

January 13, 2025 06:38 PM MST

Page 1 of 2

Water Column/Average Depth to Water

Average Depth to Water: 43 feet

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	e (Time	?	?	Water level,	Water level,	Referenced vertical	?	?	?	?	?
			Water- level date- time accuracy	Parameter code	feet below land surface	feet above specific vertical datum	datum	Status	Method of measurement	Measuring agency	Source of measurement	Water- level approval status
									Groundwater	✓ New M	exico	V GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 323545103285701

 $\label{eq:minimum number of levels} \textbf{Minimum number of levels} = 1$

Save file of selected sites to local disk for future upload

USGS 323545103285701 20S.35E.05.31424

Table of data

1996-01-25

1996-01-25

1996-01-25

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 (1210GLL) local aquifer.

Output formats

aph of dat	a .										
select per	iod										
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
961-03-08	3	D	62610		3623.44	NGVD29	P	2			
961-03-08	3	D	62611		3624.98	NAVD88	P	> Z			
961-03-08	3	D	72019	61.56			P	2			
966-04-06	5	D	62610		3631.13	NGVD29	1	. Z			
966-04-06	5	D	62611		3632.67	NAVD88	1	. Z			
966-04-06	5	D	72019	53.87			1	Z			
971-01-21	L	D	62610		3630.42	NGVD29	P	2			
971-01-21	L	D	62611		3631.96	NAVD88	P	2			
971-01-21		D	72019	54.58			P				
976-02-19		D	62610		3631.44	NGVD29	1				
976-02-19		D	62611		3632.98	NAVD88	1				
976-02-19		D	72019	53.56			1				
981-02-17		D	62610		3631.60	NGVD29	1				
981-02-17		D	62611		3633.14	NAVD88	1				
981-02-17		D	72019	53.40	2522 :=		1				
986-04-02		D	62610		3632.17	NGVD29	1				
986-04-02		D	62611	F2 22	3633.71	NAVD88	1				
986-04-02		D D	72019 62610	52.83	3630.77	NGVD29	1				
991-07-03					3630.77	NAVD88					
991-07-03 991-07-03		D D	62611 72019	54.23	3032.31	NAVD88	1				

NGVD29

NAVD88

1

1

S

S

S

53.48

3631.52

3633.06

62610

62611

72019

D

D

D

Α

USGS Groundwater for New Mexico: Water Levels -- 1 sites

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			
Parameter	code			62611	Groun	idwater level abov	e NAVD 1988,	feet						
Parameter	code			72019	Depth	Depth to water level, feet below land surface								
Referenced	d vertical dat	um		NAVD88	8 North	North American Vertical Datum of 1988								
Referenced	d vertical dat	tum		NGVD29) Natior	National Geodetic Vertical Datum of 1929								
Status				1	Static	Static								
Status				P	Pump	ing								
Method of	measuremer	nt		S	Steel-	tape measuremer	t.							
Method of	measuremer	nt		Z	Other.	Other.								
Measuring	agency				Not de	Not determined								
Source of r	measuremen	it			Not de	etermined								
Water-leve	el approval st	tatus		Α	Appro	ved for publication	Processing	g and review complete	ed.					

<u>Questions or Comments</u> <u>Help</u> Data Tips
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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?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-01-13 20:41:02 EST
0.39 0.28 nadww02





STATE ENGINEER OFFICE



492209

WELL RECORD

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

Section	_	n IA and	Section 5 need	_		vil Timom		
			(A) Owne	er of well.	D ATES	gil Liman	.3	
]	>	,			. O. Box 74		Name Warring
	- co							New Mexico
	=		1/4.	NE 1/4	SE 1/2	of Section 5	Twp. 20	and is located in the S Rge 35 E
		3.5	(B) Drilli	ng Contra	ectorW	L. Vam No	Lie	cense No. WD-208
	-		Street and	Number.	er,). Box 74	State	New Mexico
			Drilling w	as comme	enced	Dec. 11,		19.59
	Plat of 640 a		→ Drilling w	as comple	ted	nec. Tc,) 	
		•	fact above ser	lovol		Total da	nth of woll	7 0
	_	_				-	=	pletion 64
Section	2		PRIN	CIPAL WA	TER-BEAR	ING STRATA		
No.	Depth in	To	Thickness in Feet		Des	scription of Water	r-Bearing Forma	ition
1	65	68	3	Cou	rse wat	er wand		
2							 	
3								···
4								
5								
Section	3			RECOR	D OF CAS	SING		
Dia	Pounds	Thread			Feet	Type Shoe	1	rforations
in.	ft. in		Top	Bottom	70		From 50	70
5 11	-	8	0	70	70		30	
	-							
								- -
					· ·		<u> </u>	
ection •	4		RECOR	OF MUD	DING AN	D CEMENTING		
Depti	h in Feet	Diamete	B.	No. Sa			Methods Used	
From	То	Hole in	in. Clay	Cem	ent		Wethous Used	
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Section 6

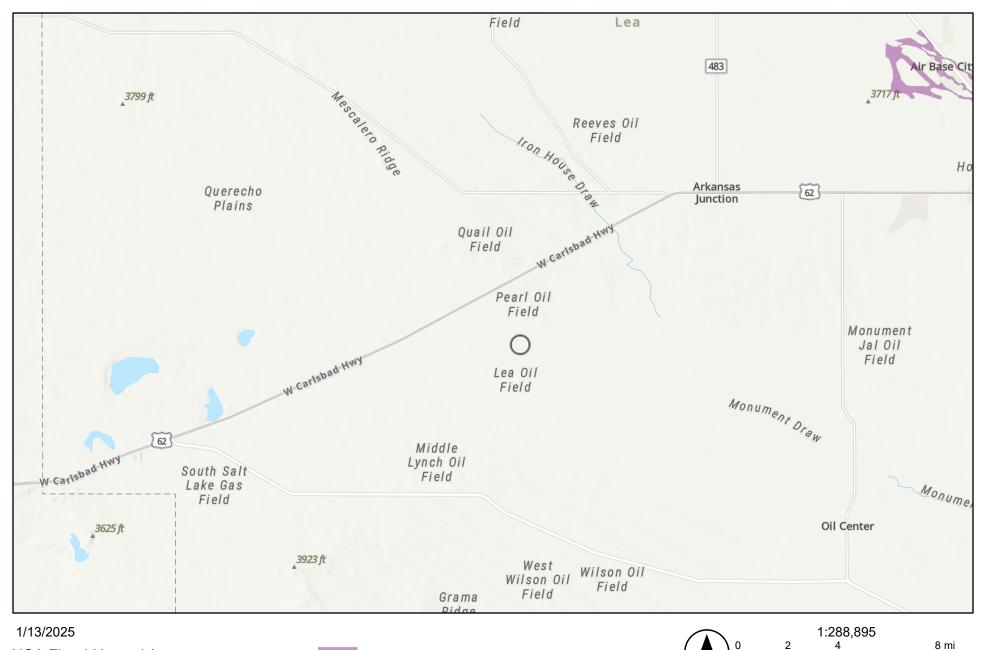
LOG OF WELL

Depth	in Feet	Thickness	G-1	77
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68	70	2	red	Red bed
				
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

1 an

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



1% Annual Chance Flood Hazard

World Hillshade

3.25

6.5

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

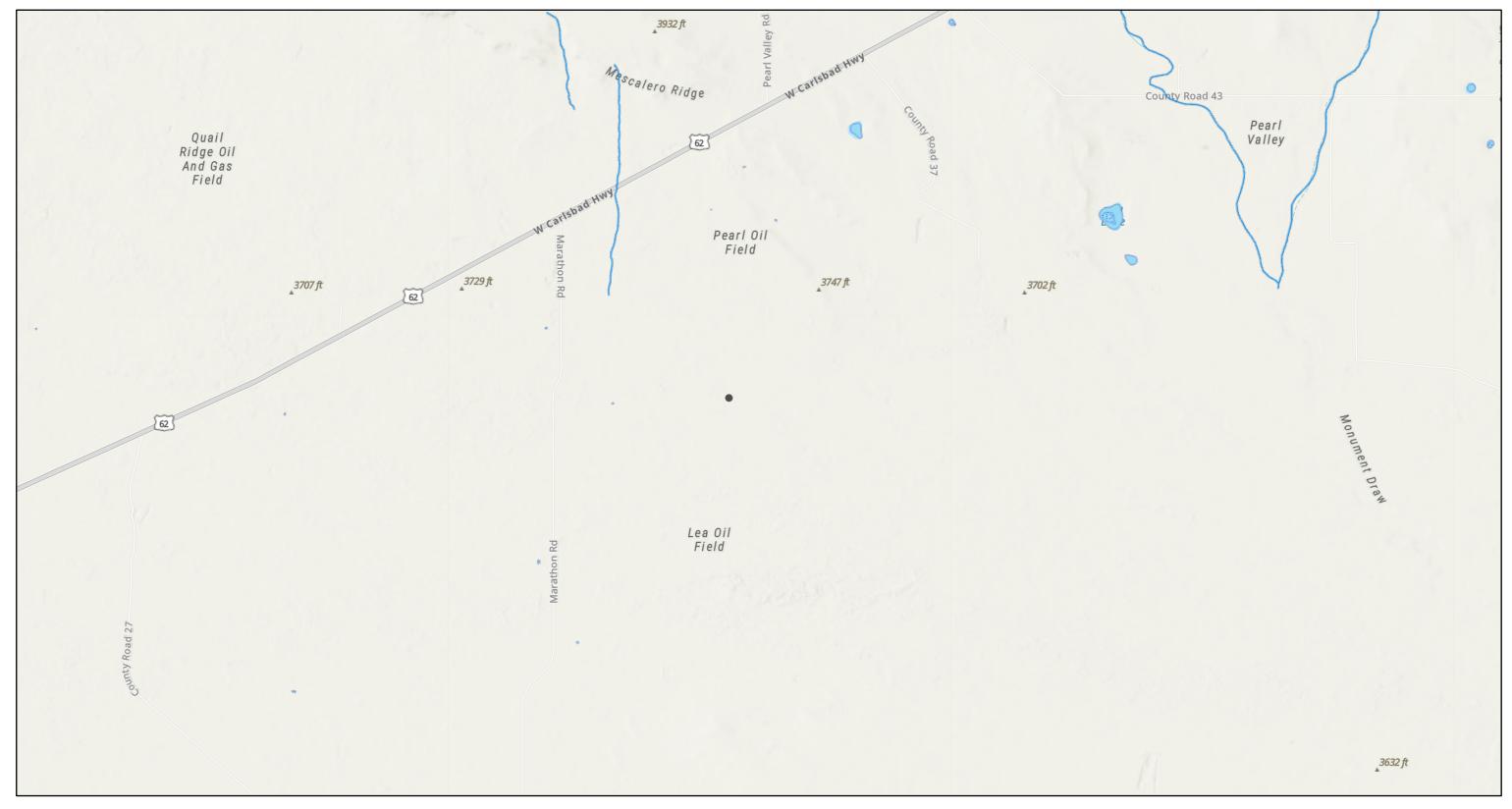
13 km

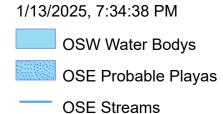
Released to Imaging: 2/25/2025 11:09:55 AM

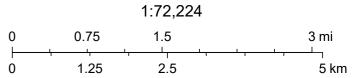
0.2% Annual Chance Flood Hazard

USA Flood Hazard Areas

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







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



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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES 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 (0-1') (H250164-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

A I J D. ... 711

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 01/13/2025 Reported:

Sampling Date: 01/13/2025 01/14/2025 Sampling Type:

Project Name: EAGLE CLAW 5-8 FEDERAL CTB Project Number: 2624

Project Location: LEA CO, NM

Soil Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

01/14/2025 Sampling

Project Name: EAGLE CLAW 5-8 FEDERAL CTB
Project Number: 2624

mg/kg

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

	9,	9	7	7: :					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



01/13/2025

Shalyn Rodriguez

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 Sampling Type: Soil Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: EAGLE CLAW 5-8 FEDERAL CTB Project Number: 2624

Project Location: LEA CO, NM

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Celey D. Keene



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

01/14/2025 Sampling Type:

Analyzed By: JH

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

	9,	9	7	7: :					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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Celey D. Keine



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

	9/	9	7	7: :					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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 Sampling Date: 01/13/2025

Project Name:

01/14/2025 Sampling Type: Soil EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition: Coo

Project Number: 2624

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: LEA CO, NM

mg/kg

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

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

Analyzed By: JH

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Celey D. Keene



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 Sampling Date: 01/13/2025 Sampling Type: Soil

Project Name: EAGLE CLAW 5-8 FEDERAL CTB

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 2624

Project Location: LEA CO, NM

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/14/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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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 Sampling Date: 01/13/2025 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 - 3 (2') (H250164-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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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

	9,	9	7	7: :					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

Analyzed By: JH

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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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Celeg D. Freene

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	2			Н 8		1	0.	ature:	Corrected Temperature			Total Containers:
_	NaOH+Ascorbic Acid: SAPC					,	300	ing:	Temperature Reading:	N/A	: Yes	Sample Custody Seals:
	Zn Acetate+NaOH: Zn		Chlo			05	10.		Correction Factor:	N/A	Yes	Cooler Custody Seals:
	Na ₂ S ₂ O ₃ : NaSO ₃		oride				0		Thermometer ID:			Received Intact:
	NaHSO ₄ : NABIS		450	_	02:B	No	Yes	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
	H ₃ PO ₄ : HP		0	_			7)			PO#
	H ₂ S0 ₄ : H ₂ NaOH: Na			MR						CRM & PB		Sampler's Name:
				0)		~	24 HR	Due Date:	lexico	Lea County, New Mexico	Lea	Project Location
	Cool: Cool MeOH: Me		1	+	Code		☑ Rush	□ Routine		2624		Project Number:
	None	ANALYSIS REQUEST			res.	1	Turn Around	Turn /	ral CTB	Eagle Claw 5-8 Federal CTB	Eagle (Project Name:
	Preservative Codes							Times.			432-813-6823	Phone:
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	naresources.com	ring@carmo	Cmoeh	hohring	Comport					
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NaOH+Ascorbic Acid: SAPC		_			100	ng:	Temperature Reading:	Yes No N/A		Sample Custody Seals:
Zn Acetate+NaOH: Zn		M (C	вт	ľ	- N. C.		Correction Factor:	NA		Cooler Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃		GRO	EX 8	Para	140		Thermometer ID:			Received Intact:
NaHSO ₄ : NABIS		_	0218	ame	Yes No	Wet Ice:	Yes No . I	Temp Blank:	_	SAMPLE RECEIPT
H ₃ PO ₄ : HP			3	ters	1					PO#:
H ₂ SO ₄ : H ₂ NaOH: Na		MR						CRM & PB		Sampler's Name:
		(0)		7	24 HR	Due Date:		Lea County, New Mexico	_	Project Location
Cool: Cool MeOH: Me		+	0	Cod	M Kush	□ Routine		2624		Project Number:
None: NO DI Water: H ₂ O			-	Pres.	Turn Around			Eagle Claw 5-8 Federal CTB	Ea	Project Name:
QUEST Preservative Codes	ANALYSIS REQUEST			1						
		s.com	resources	carmona	mcarmona@carmonaresources.com	Email:		23	432-813-6823	Phone:
Deliverables: EDD ☐ ADaPT ☐ Other:					City, State ZIP:			79701	Midland, TX 79701	City, State ZIP:
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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/ga/lab-accred-certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



01/13/2025

Analytical Results For:

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

Received: 01/13/2025 Sampling Date:

Reported: 01/14/2025 Sampling Type: Soil
Project Name: EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition: Coo

Project Name: EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: LEA CO, NM

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

DTEV 0021D

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	'8						

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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

	9/	9	7	7: 5::					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

01/14/2025 Sampling

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

	9,	9	7	7: 5::					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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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 Sampling Date: 01/13/2025 Sampling Type: Soil

Project Name:

RTFY 8021R

01/14/2025 Sampling Type: EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition:

Applyzod By: 14

Project Number: 2624

Sample Received By:

Shalyn Rodriguez

Cool & Intact

Project Location: LEA CO, NM

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

B1EX 8021B	mg/	кд	Апануге	a 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.1	% 49.1-14	8						

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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 Sampling Date: 01/13/2025

Project Name:

EAGLE CLAW 5-8 FEDERAL CTB

Sampling Type: Soil

Project Number: 2624 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA CO, NM

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.8 9	6 49.1-14	8						

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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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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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

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

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 01/21/2025 Sampling Date:
Reported: 01/22/2025 Sampling Type:

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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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 Tamara Oldaker Project Number: 2624 Sample Received By:

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 9	% 71.5-13	4						
Chloride, SM4500CI-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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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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 Sampling Date: 01/21/2025 Sampling Type: Soil

Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB
Project Number: 2624

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: LEA CO NM

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

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
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	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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01/21/2025

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date:

Reported: 01/22/2025 Sampling Type: Soil Sampling Condition: Cool & Intact

Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB Sample Received By: Project Number: 2624

mg/kg

Project Location: LEA CO NM

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

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
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	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

Analyzed By: JH

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Celey D. Keene



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 CAZA EAGLE CLAW 5-8 FEDERAL CTB

Project Name:

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

RTFY 8021R

B1EX 8021B	тд/кд		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 9	% 71.5-13	4						
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	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

Applyzod By: 14

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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 Tamara Oldaker Project Number: 2624 Sample Received By:

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 9	% 71.5-13	4						
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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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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: Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LEA CO NM

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

RTFY 8021R

BIEX 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	% 71.5-13	4						
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	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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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
Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB

Sampling Type: Soil
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)

BTEX 8021B

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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Analyzed By: JH

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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

01/22/2025 Sampling Type: Soil CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition: Coo

Project Name: CAZA Project Number: 2624

Project Location: LEA CO NM

Sampling Date: 01/21/2025

Sample Received By:

Cool & Intact Tamara Oldaker

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

BTEX 8021B

DILX GOZID	11197	- Kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

Analyzed By: JH

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Celeg D. Freene



Sample Received By:

01/21/2025

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date:

Reported: 01/22/2025 Sampling Type: Soil Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition: Cool & Intact

Project Number: 2624

Project Location: LEA CO NM

mg/kg

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

BTEX 8021B

DIEX COLLE	9/	1.5	Allalyzo	u 5 y . 5					
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 9	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	1						

Analyzed By: JH

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 Reported: 01/22/2025

 01/21/2025
 Sampling Date:
 01/21/2025

 01/22/2025
 Sampling Type:
 Soil

Project Name: CAZA Project Number: 2624

Project Location: LEA CO NM

CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition: Cool & Intact

2624 Sample Received By: Tamara Oldaker

Applyzod By: 14

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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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: Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



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 Sampling Date:

01/21/2025

Project Name:

01/22/2025 CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Type:

Soil Cool & Intact

Project Number:

BTEX 8021B

2624

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

LEA CO NM

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

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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

Analyzed By: JH

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Sample Received By:

01/21/2025

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Received: 01/21/2025 Sampling Date: Reported: 01/22/2025 Sampling Type:

Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition:

Project Number: 2624

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 %	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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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

mg/kg

Sampling Date: 01/21/2025 Sampling Type: Soil

Reported: 01/22/2025
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

	<u> </u>			• •					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

01/21/2025

Sampling Date:

01/21/2025

Reported: Project Name:

Received:

BTEX 8021B

01/22/2025

Sampling Type:

Soil

Project Number:

CAZA EAGLE CLAW 5-8 FEDERAL CTB

mg/kg

106 %

49.1-148

Sampling Condition:

Cool & Intact

Project Number:
Project Location:

2624 LEA CO NM Sample Received By:

Tamara Oldaker

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

	91	,9							
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 9	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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									

Analyzed By: JH

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

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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

01/22/2025 Sampling Type:
CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition:

Analyzed By: JH

Project Name: CAZA Project Number: 2624

Project Location: LEA CO NM

mg/kg

Sampling Date: 01/21/2025 Sampling Type: Soil

Sample Received By:

Cool & Intact Tamara Oldaker

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

BTEX 8021B

	<u> </u>			. ,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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01/21/2025

Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date:

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

Analyzed By: JH

Project Location: LEA CO NM

mg/kg

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

BTEX 8021B

	<u> </u>	<u> </u>		. ,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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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:

Sampling Date: 01/21/2025 01/22/2025 Sampling Type: CAZA EAGLE CLAW 5-8 FEDERAL CTB

Project Name: Project Number: 2624

Project Location: LEA CO NM

Soil Sampling Condition: Cool & Intact

Sample Received By:

Tamara Oldaker

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Applyzod By: 14

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01/21/2025

Analytical Results For:

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

Received: 01/21/2025 Sampling Date:

Reported: 01/22/2025 Sampling Type: Soil

Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: 2624 Tamara Oldaker

Project Location: LEA CO NM

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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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 Sample Received By: Project Number: 2624 Tamara Oldaker

Project Location: LEA CO NM

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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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 Sampling Date:

01/21/2025

Project Name:

01/22/2025 CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Type:

Soil Cool & Intact

Project Number:

2624

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

BTEX 8021B

LEA CO NM

mg/kg

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

	9/	9	7	<u></u>					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

Analyzed By: JH

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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	Analyze	d 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 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	6 49.1-14	8						

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Cool & Intact

Tamara Oldaker

Analytical Results For:

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

Received: 01/21/2025 Reported:

Sampling Date: 01/21/2025 01/22/2025 Sampling Type: Soil

Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB Project Number:

Sampling Condition: 2624 Sample Received By:

Project Location: LEA CO NM

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

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	18						

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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 - 6 (1.5') (H250345-25)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 14

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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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Date/Time	Received by: (Signature)	// Received b		Date/Time	Da						
				(s.com and con	Mcarmona@carmonaresources.com and connet moening of concessions	Carmona / Mcarmo		Comments: Email to Mike
		urces.com		na@carm	moehrin	nor Moshring / C	X		1/21/2025	CS-10 (1.5')	CS-10
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Sample Comments				TPH 8	*	Grahi C		Corrected Temperature:			Total Containers:
NaOH+Ascorbic Acid: SAPC	NaOH			8015		100		Temperature Reading:	No NIA	als: Yes	Sample Custody Seals:
Zn Acetate+NaOH: Zn	Zn Ac		Chle	_		1680		Correction Factor:	No NIA	ils: Yes	Cooler Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃	Na ₂ S ₂		oride	_		世代		Thermometer ID:	No No		Received Intact:
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₽. H	H₃PO₄: HP		10	_							PO #:
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_	Cool: Cool		+	+	Code		□ Routine □		2624		Project Number:
NO DI Water: H ₂ O	None: No	ANALYSIS REQUEST			Pres.		Turn Around	Federal CTB	Caza Eagle Claw 5-8 Federal CTB	Caz	Project Name:
Preservative Codes				ces.com	naresour	Email: mcarmona@carmonaresources.com	Email: m			432-813-6823	Phone:
Other:	Deliverables: EDD ☐ ADaPT ☐	Delivera				City, State ZIP:	0		9701	Midland, TX 79701	City, State ZIP:
☐TRRP ☐ Level IV ☐	Reporting:Level II Level III PST/UST	Reporti				Address:	Ac		Ste 500	310 W Wall St Ste 500	Address:
1	State of Project:	State of				Company Name.	5		ources	Carmona Resources	Company Name:
RRC Superfund	Program: UST/PST PRP Brownfields	Prograi				Mana.	2 5		ing	Conner Moehring	Project Manager:
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ge1 of3_	Page										
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				3-	20	X	n	20	1	20	W	N.			Total Co	Sample	Cooler C	Received Intact:	SAMPL	PO#:	Sampler's Name	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager.		
			Comments: Email to Mike Carmona	SW-1 (1.5')	CS-19 (1.5')	CS-18 (1.5')	CS-17 (1.5')	CS-16 (1.5')	CS-15 (1.5')	CS-14 (1.5')	CS-13 (1.5')	CS-12 (1.5')	CS-11 (1.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	d Intact:	SAMPLE RECEIPT		s Name:	ocation	lumber:	lame:	4:		· ·				
			to Mike Ca	1.5')	1.5')	1.5')	1.5')	1.5')	1.5')	.5')	.5')	.5')	.5')	fication		Yes	Yes							Caz	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Collici Mociniii	onner Moeh	
	Relingu		_	1/21/2025	1/21/2025	1/21/2025	1/21/2025	1/21/2025	1/21/2025	1/21/2025	1/21/2025	1/21/2025	1/21/2025	Date		NO NIA	S	Yes No	Temp Blank:		IR	Lea County, New Mexico	2624	a Eagle Claw		9701	t Ste 500	ources		ring	
N	Relinquished by: (Signature)		Mcarmona@carmonaresources.com and Conner	5	5	61	01	01	01		0.			Time	Corrected Lemperature	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes Mo			New Mexico	.4	Caza Eagle Claw 5-8 Federal CTB							
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\downarrow															Sampl	H+Asco	cetate+	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	#. H ₂	공	Cool	NO	reserv	Other:				ents	
		Dat													Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	SO3	SIB		Nac	¥	Med	DIV	Preservative Codes	3.				1233	2 of
		Date/Time													ments	SAPC	2				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ 0	Codes		Levelly		Political	Tunerfund [J _ω
																								20							Pag

		Comments: Ema					SW-6 (1.5')	SW-5 (1.5')	SW-4 (1.5')		SW-2 (1.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	te ZIP:			Project Manager: C					
9		I to Mike Carn					1.5')	1.5')	1.5')	1.5')	1.5')	tification		s: Yes	Yes							Caza	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Conner Moehring					
	Relinquis	nona / Mcarm					1/21/2025	1/21/2025	1/21/2025	1/21/2025	1/21/2025	Date		NO NIA	NA	No			R	Lea County, New Mexico	2624	Caza Eagle Claw 5-8 Federal CTB		701	Ste 500	urces	g					
No.	Relinquished by: (Signature)	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com										Time		Corrected Temperature:	Temperature Reading:	Thermometer ID:	Yes No			w Mexico		3 Federal CTB										
9		ces.com and Co				+	×	×	×	×	×	Soil					Wet ice:			Due Date:	□ Routine		Email:									
		onner Moehrin					-		2 0		0	Water Comp	Grab/	1000	1,68	39/	# 140	Non Mo		24 HR TAT	ki Rush	Turn Around	mcarmona(@carmonaresources.com	City, State ZIP:	Address.	Company Name.	Bill to (il dilicitin)	Rill to: (if different)				
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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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 01/21/2025 Reported:

01/22/2025 Sampling Type:

Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB Project Number: 2624

mg/kg

Project Location: LEA CO NM Sampling Date: 01/21/2025

Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SIMS PIT (H250358-01)

BTEX 8021B

BIEX GOEED	9/	119	Andryzo	u 5 y 1 51 1					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits inclured by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Chain of Custody Work Order No.		\	\		Comments: Email to Mi		8					SIIIS FIL	Cimo Di	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 432-813-6823	City, State ZIP: Midland	Address: 310 W	Company Name: Carmor	Project Manager: Conner					
Page 1 of 1 Work Order Comments Work Order Comments Program: USTIPST PRP Drownfields RRC Liperfund State of Project: Reporting Level III Level III PST/UST RRP Level IV Deliverables: EDD ADaPT Other: None: NO DI Waler: H ₂ O Cook Cook MeO'H: M		an /		Relinguis	ke Carmona / Mcarmo							112 112020			L	No N/A	No (N/A)		Temp Blank:		IR	Lea County, Ne	2624	Caza Eagle Claw 5-8	3-6823	d, TX 79701	Wall St Ste 500	na Resources	Moehring					
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Sante Fe Main Office Phone: (505) 476-3441 General Information

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

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

QUESTIONS

Action 427188

QUESTIONS

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	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 Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 427188

QUESTI	ONS (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.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	rafety 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
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Tanya Berry Title: Sr. Engineering Tech Email: tberry@cazapetro.com

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

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

QUESTIONS, Page 3

Action 427188

QUESTIONS (continued)

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

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	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		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in mi	illigrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 CI 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	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
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	
These estimated dates and measurements are recognized to be the best guess or calculation at th	e time of submission and may (be) change(d) over time as more remediation efforts are completed.	

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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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)

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

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	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	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC. which includes the anticipated timelines for beginning and completing the remediation.

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

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

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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, Page 5

Action 427188

QUESTIONS (continued)

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	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:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	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		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	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.	

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement

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

CONDITIONS

Created By		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