

SITE INFORMATION

Closure Report
Rustler Bluff 25 Central Tank Battery (12.26.2023)
Incident #: nAPP2336146606
Eddy County, New Mexico
Unit M Sec 25 T26S R28E
32.007336°, -104.047266°

Crude Oil and Produced Water Release
Point of Release: Equipment Failure, Separator
Release Date: 12.26.2023

Volume Released: 8 Barrels of Crude Oil & 31 Barrels of Produced Water Volume Recovered: 4 Barrel of Crude Oil & 3 Barrels of Produced Water

CARMONA RESOURCES

Prepared for: Chevron U.S.A., Inc. 6301 Deauville Blvd Midland, Texas 79706

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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February 19, 2024

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

Re: Closure Report

Rustler Bluff 25 Central Tank Battery (12.26.2023)

Chevron U.S.A., Inc.

Site Location: Unit M, S25, T26S, R28E (Lat 32.007336°, Long -104.047266°)

Eddy County, New Mexico

Mr. Bratcher:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Rustler Bluff 25 Central Tank Battery release. The site is located at 32.007336°, -104.047266° within Unit M, S25, T26S, R28E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 23, 2023, caused by equipment failure on the separator. It resulted in approximately eight (8) barrels of crude oil and thirty-one (31) barrels of produced water. Four (4) barrels of crude oil and three (3) barrels of produced water were recovered. The impacted area was located all on the production well pad, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest groundwater determination bore is approximately 0.69 miles Southeast of the site in S31, T26S, R29E and was drilled in 2022. The well has a reported depth to groundwater of >55' feet below the ground surface (ft bgs) since the presence of groundwater was not encountered. A copy of the associated well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

Initial Assessment

Between January 17, 2024 and January 23, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of four (4) test trenches (T-1 through T-4), and seven (7) horizontal sample points (H-1 through H-7) were installed to total depths ranging from surface to 3.0' bgs inside and surrounding the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

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

Horizontal Delineation

The areas of H-1 through H-6 were below the regulatory limits for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on February 1, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of T-1 through T-3 were excavated to a depth of 1.5' bgs. The area of T-4 was excavated to a depth of 2.0' bgs. A total of sixteen (16) confirmation floor samples were collected (CS-1 through CS-16), and fourteen (14) sidewall samples (SW-1 through SW-14) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4A and 4B.

All final confirmation samples were below the regulatory requirements 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. Approximately 2,885 square feet of contamination was remediated, resulting in 190 cubic yards of material 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. Chevron formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

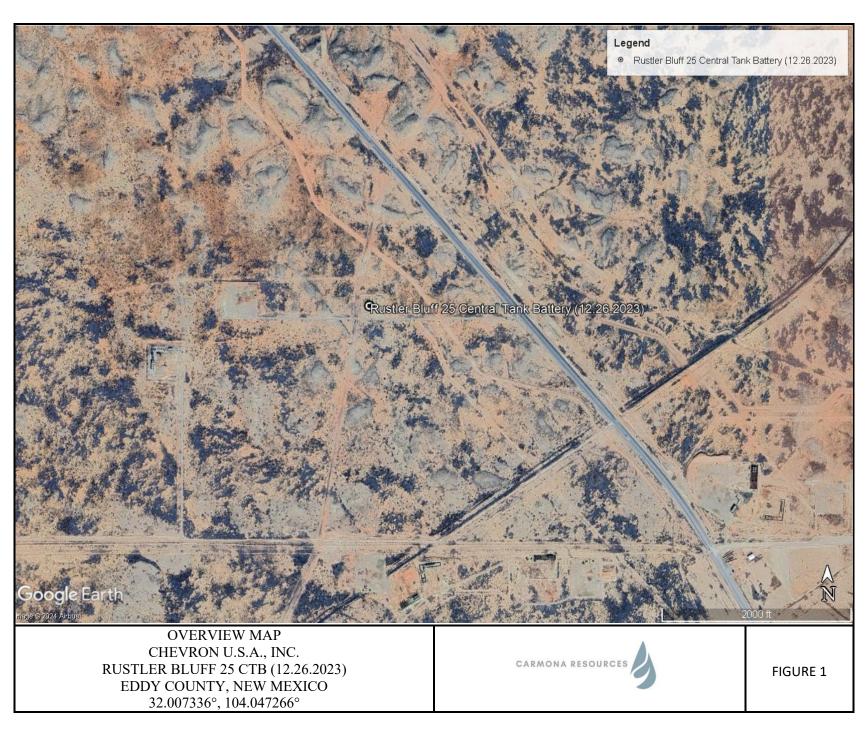
Ashton Thielke

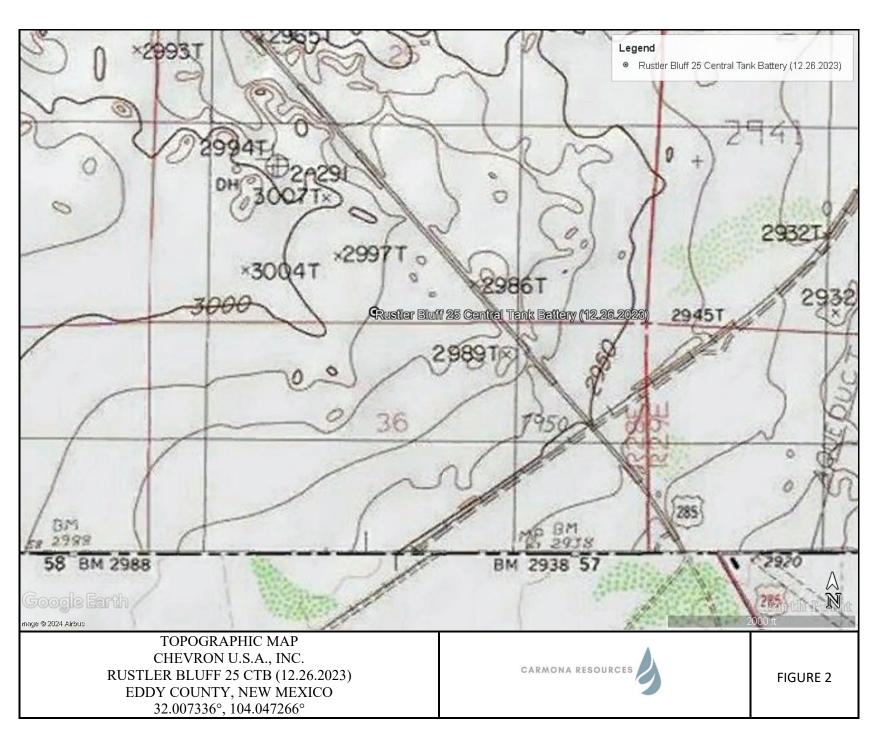
Sr. Project Manager

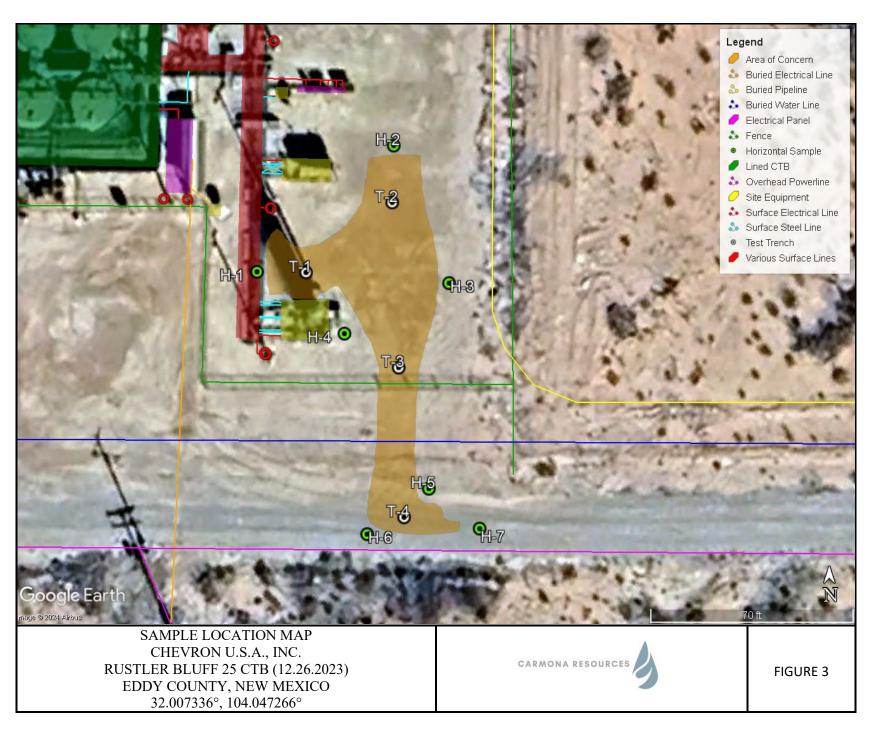
Clinton Merritt Sr. Project Manager

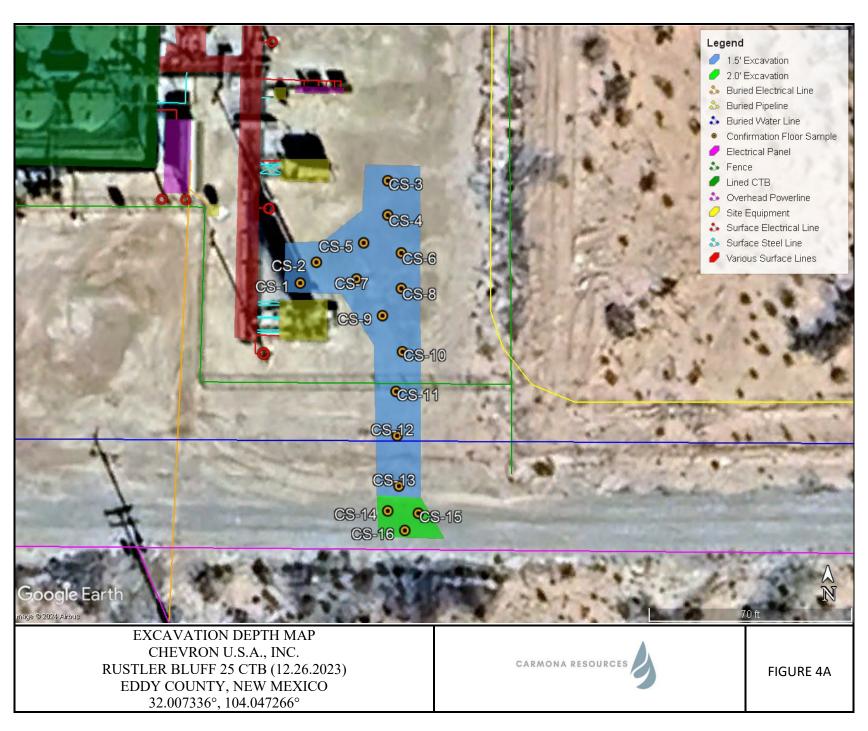
FIGURES

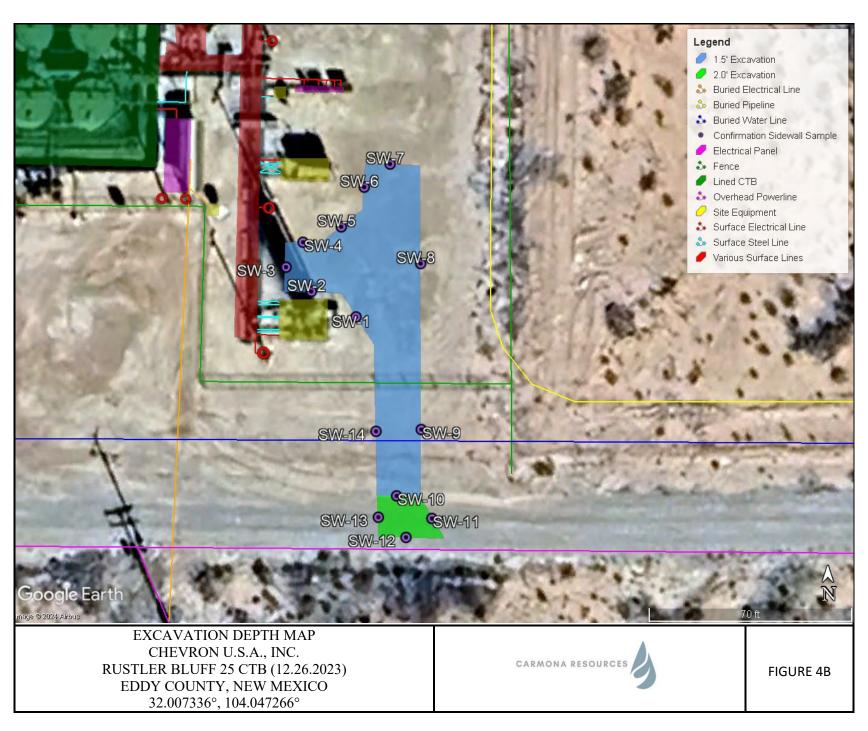
CARMONA RESOURCES











APPENDIX A

CARMONA RESOURCES

Table 1 Chevron Rustler Bluff 25 TB (12.26.2023) **Eddy County, New Mexico**

0 1 15	ala ID		D-4s	D (1 (6)		ТРН	l (mg/kg)		Benzene	Senzene Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
	1/17/2024	0-1.0	11.2	194	32.8	238	<0.050	<0.050	<0.050	<0.150	<0.300	416		
T-1	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0		
'-'	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0		
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0		
	1/17/2024	0-1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,570		
T-2	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0		
1-2	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0		
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0		
	1/23/2024	0-1.0	<10.0	462	72.1	534	<0.050	<0.050	<0.050	<0.150	<0.300	112		
T 2	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272		
T-3	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112		
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0		
	1/23/2024	0-1.0	428	3,270	543	4,241	<0.050	0.5586	1.68	16.4	18.7	32.0		
T.4	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160		
T-4	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304		
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192		
Regulat	tory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg		
(-) N	nt Analyzed					•			-			•		

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

(T) Trenching

Removed

Table 1 Chevron Rustler Bluff 25 TB (12.26.2023) Eddy County, New Mexico

0 1 10	2 1 12		TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
H-1	1/23/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
H-2	1/23/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
H-3	1/23/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	1/23/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-5	1/23/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-6	1/23/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-7	1/23/2024	0-0.5	<10.0	23.9	<10.0	23.9	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	ry Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2 Chevron Rustler Bluff 25 TB (12.26.2023) **Eddy County, New Mexico**

Commis ID	Data Danth (ft)		TPH (mg/kg)		Benzene Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride			
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-2	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-3	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-4	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-5	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-6	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-7	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-8	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-9	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-10	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-11	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-12	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-13	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-14	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-15	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-16	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	ry Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

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Table 2 Chevron Rustler Bluff 25 TB (12.26.2023) **Eddy County, New Mexico**

Cample ID	Date	Donth (ft)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-3	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-4	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-5	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-6	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-7	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-8	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-9	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-10	2/5/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-11	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-13	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-14	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	ry Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons ft - feet

(SW) - Confirmation Sidewall Sample

APPENDIX B



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 1

Facility: Rustler Bluff 25 CTB (12.26.2023)

County: Eddy County, New Mexico

Description:

View Southeast, Area of Confirmation Sample (CS-1 and CS-2).



Photograph No. 2

Facility: Rustler Bluff 25 CTB (12.26.2023)

County: Eddy County, New Mexico

Description:

View South, Area of Confirmation Sample (CS-3 and CS-13).



Photograph No. 3

Facility: Rustler Bluff 25 CTB (12.26.2023)

County: Eddy County, New Mexico

Description:

View South, Area of Confirmation Sample (CS-9 and CS-13).



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 4

Facility: Rustler Bluff 25 CTB (12.26.2023)

County: Eddy County, New Mexico

Description:

View South, Area of Confirmation Sample (CS-14 and CS-16).



Photograph No. 5

Facility: Rustler Bluff 25 CTB (12.26.2023)

County: Eddy County, New Mexico

Description:

View North, Area of Confirmation Sample (CS-14 and CS-16).



APPENDIX C

CARMONA RESOURCES

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 297814

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	297814
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source					
Please answer all the questions in this group.					
Site Name	Rustler Bluff 25 Central Tank Battery				
Date Release Discovered	12/26/2023				
Surface Owner	Federal				

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 8 BBL Recovered: 4 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 31 BBL Recovered: 3 BBL Lost: 28 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 297814

QUEST	/	۱۱ ۱
	ICONTI	niieni

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	297814
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)					
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.				
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes				
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.				
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.					

nitial Response						
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.						
The source of the release has been stopped	True					
The impacted area has been secured to protect human health and the environment	True					
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True					
All free liquids and recoverable materials have been removed and managed appropriately	True					
If all the actions described above have not been undertaken, explain why	Not answered.					

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

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 297814

ACKNOWLEDGMENTS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	297814
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

\checkmark	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	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.
V	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.
V	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.
V	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

Action 297814

CONDITIONS

	0.0010
Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	297814
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
klincoln	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/27/2023

Area	Shape	Length (ft)	Width (ft)	Standing Depth (ft)	Soil Penetration (ft)	Standing Volume	In-Soil Volume	Total Volume
1	Rectangle	68.0	28.0	0.0052	0.4189	1.76	21.31	23.07
2	Rectangle	28.0	22.0	0.0052	0.4265	0.57	7.02	7.59
3	Rectangle	14.0	12.0	0.0052	0.2600	0.16	1.17	1.32
4	Rectangle	16.0	7.0	0.1040	0.2600	2.07	0.78	2.85
5	Rectangle	46.0	6.0	0.0052	0.2700	0.26	1.99	2.25
6								
7								
8	Circle	6.0		0.3333	0.2500	1.68	0.19	1.87
9								
10								
						Total Vol	ume (bbl)	38.95

Conversion Table		
Inches	Feet	
1 inch	0.0833	
2 inches	0.1667	
3 inches	0.2500	
4 inches	0.3333	
5 inches	0.4167	
6 inches	0.5000	
7 inches	0.5833	
8 inches	0.6667	
9 inches	0.7500	
10 inches	0.8333	
11 inches	0.9167	
1/256 inch	0.0003	
1/128 inch	0.0007	
1/64 inch	0.0013	
1/32 inch	0.0026	
1/16 inch	0.0052	
1/8 inch	0.0104	
1/4 inch	0.0208	
3/8 inch	0.0313	
1/2 inch	0.0417	
5/8 inch	0.0521	
3/4 inch	0.0625	
7/8 inch	0.0729	

District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 298497

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	298497
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2336146606	
Incident Name	NAPP2336146606 RUSTLER BLUFF 25 CENTRAL TANK BATTERY @ 0	
Incident Type	Oil Release	
Incident Status	Initial C-141 Received	
Incident Facility	[fAPP2131327599] Rustler Bluff 25 Central Tank Battery	

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Rustler Bluff 25 Central Tank Battery	
Date Release Discovered	12/26/2023	
Surface Owner	Federal	

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

Nature and Volume of Release			
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.			
Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 8 BBL Recovered: 4 BBL Lost: 4 BBL.		
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 31 BBL Recovered: 3 BBL Lost: 28 BBL.		
Is the concentration of chloride in the produced water >10,000 mg/l	Yes		
Condensate Released (bbls) Details	Not answered.		
Natural Gas Vented (Mcf) Details	Not answered.		
Natural Gas Flared (Mcf) Details	Not answered.		
Other Released Details	Not answered.		
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.		

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 298497

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QUESTI Operator:	ONS (continued)
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	298497
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS	
Nature and Volume of Release (continued)	T
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com

Date: 12/29/2023

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

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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 298497

QUESTIONS ((continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	298497
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Remediation Plan		
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 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**

CONDITIONS

Action 298497

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	298497
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By		Condition Date
scwells	None	1/3/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 310313

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	310313
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2336146606
Incident Name	NAPP2336146606 RUSTLER BLUFF 25 CENTRAL TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2131327599] Rustler Bluff 25 Central Tank Battery

Location of Release Source	
Site Name	Rustler Bluff 25 Central Tank Battery
Date Release Discovered	12/26/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	3,400
What is the estimated number of samples that will be gathered	17
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/05/2024
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Gilbert Priego (432-813-7389)
Please provide any information necessary for navigation to sampling site	• Sampling Location: 32.00719, -104.042686

District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 310313

CONDITIONS

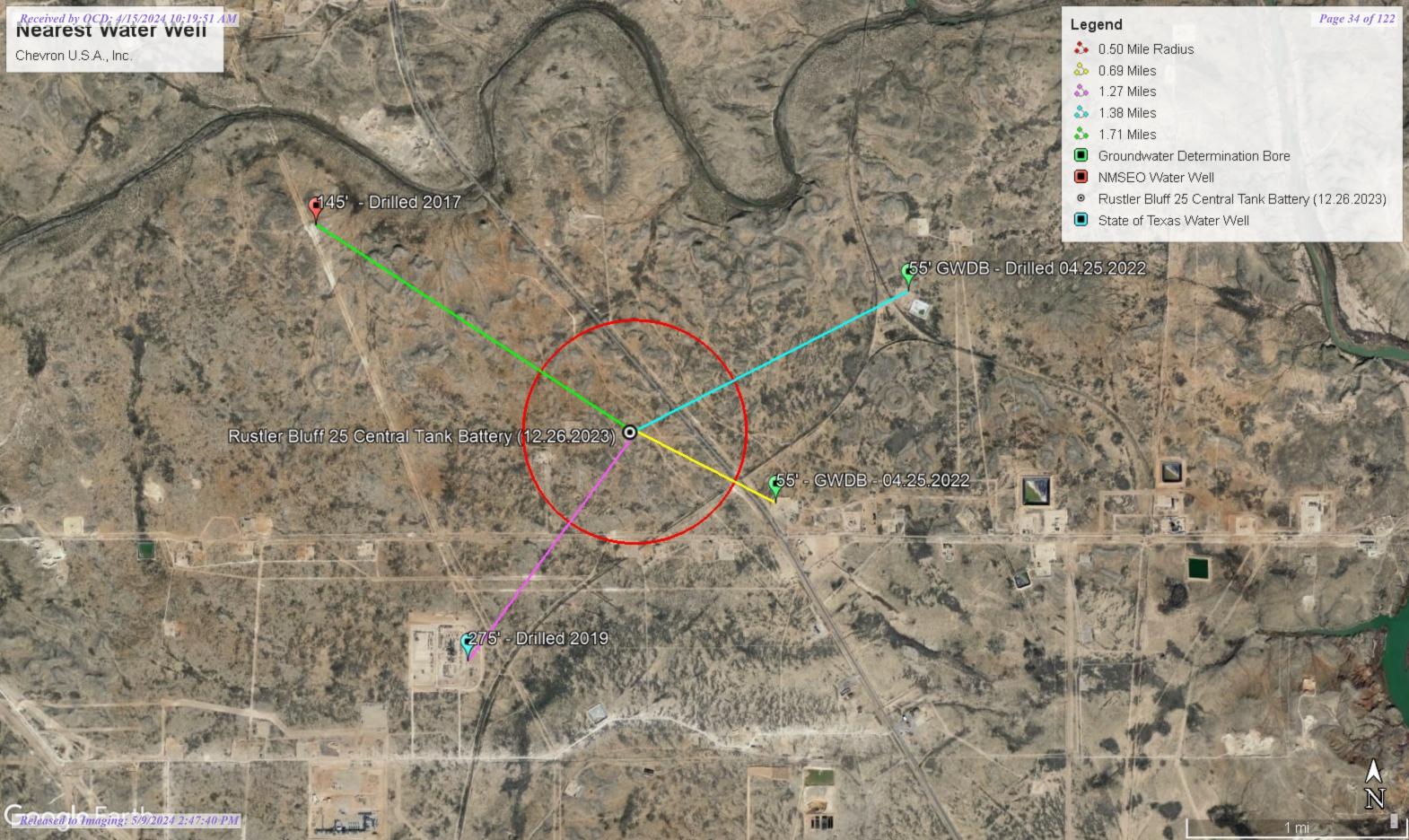
Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	310313
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

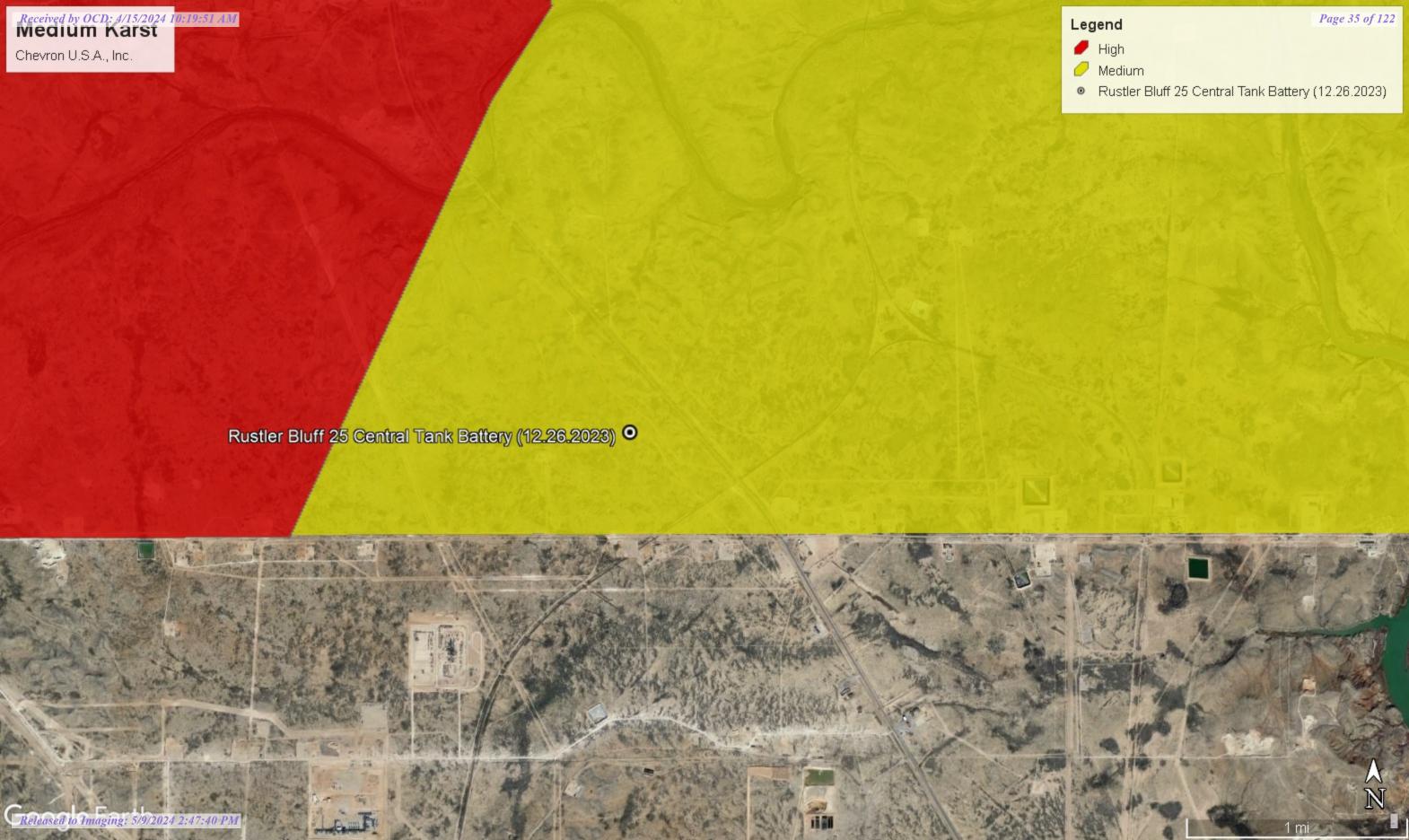
CONDITIONS

Created By		Condition Date
abarnhill	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.	2/1/2024

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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

2 2 2 27 26S 28E

(NAD83 UTM in meters)

(In feet)

POD

Sub-QQQ

Distance Well Water Column 2732 250 145

Depth Depth Water

145 feet

105

Code basin County 64 16 4 Sec Tws Rng

588106 3543082

Average Depth to Water:

Minimum Depth: 145 feet

145 feet Maximum Depth:

Record Count: 1

POD Number

C 04022 POD2

UTMNAD83 Radius Search (in meters):

Radius: 4000 Easting (X): 590408 Northing (Y): 3541609

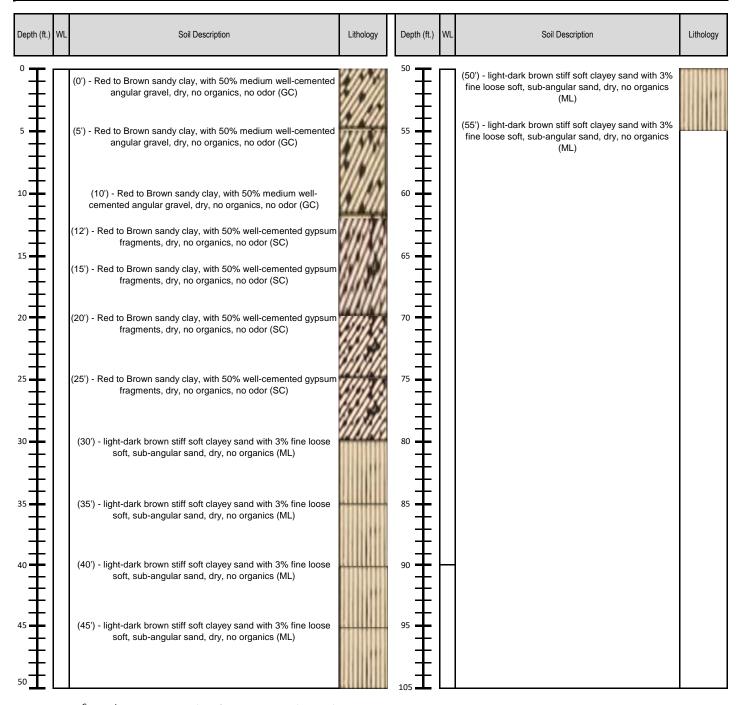


Project Name : COG - Copperhead Fee 31E CTB (01.14.22) Date : Monday, May 9, 2022

Project No.: 1002 Sampler : Lane Scarborough
Location : Eddy County, New Mexico

Coordinates: 32.002359, -104.031693 Driller: Scarborough Drilling

Elevation: 2,930' Method: Air Rotary

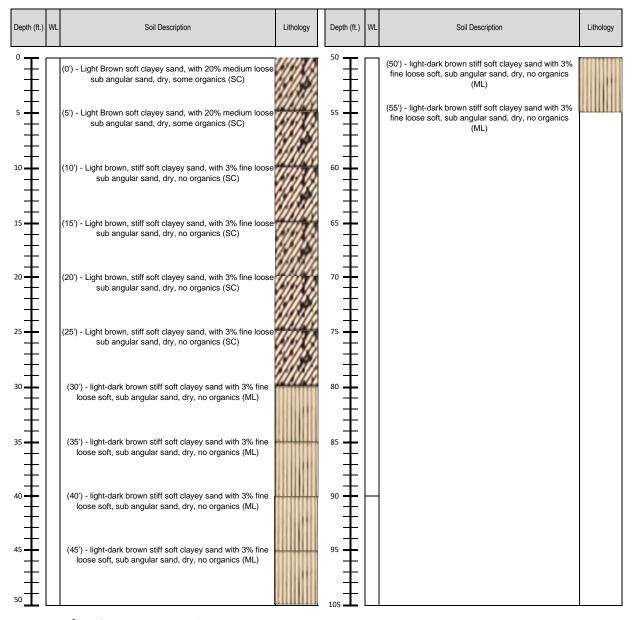


Comments: Boring terminated at 55' at 10:00 AM Central Time with no presence of groundwater or moisture.

Well gauged on 5/13/22 at 11:00 AM Central Time with no detection of groundwater or moisture



Project Name : Date: COG - Copperhead Fee A 3H (02.08.22) Monday, April 25, 2022 Project No. : Sampler : Lane Scarborough **Eddy County, New Mexico** Location: Driller: Coordinates : 32.016146, -104.021411 Scarborough Drilling Method: Elevation: 2,935' Air Rotary



Comments : Boring terminated at 55' at 10:00 AM Central Time with no presence of groundwater or moisture.

Well gauged on 4/29/22 at 11:00 AM Central Time with no detection of groundwater or moisture

STATE OF TEXAS WELL REPORT for Tracking #524742

Owner: ENLINK MIDSTREAM OPERATING Owner Well #: TIGER PLANT # 1

Address: 1722 ROUTH ST Grid #: 47-08-2

SUITE 1300

DALLAS, TX 75201 Latitude: 31° 59' 31.13" N

Well Location: HWY 285

Well Location: HWY 285 Longitude: 104° 03' 19.2" W
STATE LINE ON HWY 285, TX

Well County: Culberson Elevation: 2986 ft. above sea level

Type of Work: New Well Proposed Use: Industrial

Drilling Start Date: 10/8/2019 Drilling End Date: 10/14/2019

 Diameter (in.)
 Top Depth (ft.)
 Bottom Depth (ft.)

 Borehole:
 17.5
 0
 9

 12.25
 9
 398

Drilling Method: Mud (Hydraulic) Rotary

Borehole Completion: GRAVEL PACKED FROM 398- 10' WITH GRAD 5

Top Depth (ft.)

0

0 10 QUCIKCRETE 12 Bags/Sacks

Bottom Depth (ft.)

9

Seal Method: **Poured** Distance to Property Line (ft.): **OVER 150'**

Sealed By: **Driller** Distance to Septic Field or other

concentrated contamination (ft.): **No Data**Distance to Septic Tank (ft.): **No Data**

Method of Verification: MEASURED

Description (number of sacks & material)

QUICKCRETE 14 Bags/Sacks

Surface Completion: Surface Sleeve Installed Surface Completion by Driller

Water Level: No Data

Packers: No Data

Annular Seal Data:

Type of Pump: No Data

Well Tests: No Test Data Specified

Water Quality:

Strata Depth (ft.)

Water Type

FRESH WATER

Chemical Analysis Made: No

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the

driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in

the report(s) being returned for completion and resubmittal.

Company Information: West Texas Water Well Service

3410 Mankins Ave Odessa, TX 79764

Driller Name: RORY B ROACH License Number: 54815

Comments: No Data

Lithology: DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing: BLANK PIPE & WELL SCREEN DATA

Top (ft.)	Bottom (ft.)	Description
0	10	CALICHE
10	85	SAND-TAN
85	290	GRAY SHALE & SAND
290	380	RED SAND- SMALL GRAVEL
380	390	TAN SAND- SMALL GRAVEL
390	398	HAND GRAY SHALE TD

Dla (in.)	Туре	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
13.38	Unknown	New Steel		0	9
8	Blank	New Plastic (PVC)		0	198
8	MILLSLOT	New Plastic (PVC)		198	398

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation P.O. Box 12157 Austin, TX 78711 (512) 334-5540



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

 \mathbf{X}

C 04022 POD2

28E 26S

588106 3543082

Y

Driller License: 1184 **Driller Company:**

WEST TEXAS WATER WELL SERVICE

Driller Name: KEITH, RONNY

Drill Start Date: 05/08/2017 **Drill Finish Date:**

05/12/2017

Bottom Description

Plug Date:

Shallow

Log File Date:

PCW Rcv Date: 06/05/2017

Depth Well:

Source:

60 GPM **Estimated Yield:**

Pump Type: Casing Size:

12.25

Pipe Discharge Size:

250 feet Depth Water: 145 feet

Water Bearing Stratifications: Top

150 Sandstone/Gravel/Conglomerate 160 Sandstone/Gravel/Conglomerate Sandstone/Gravel/Conglomerate 180

Casing Perforations:

Top **Bottom**

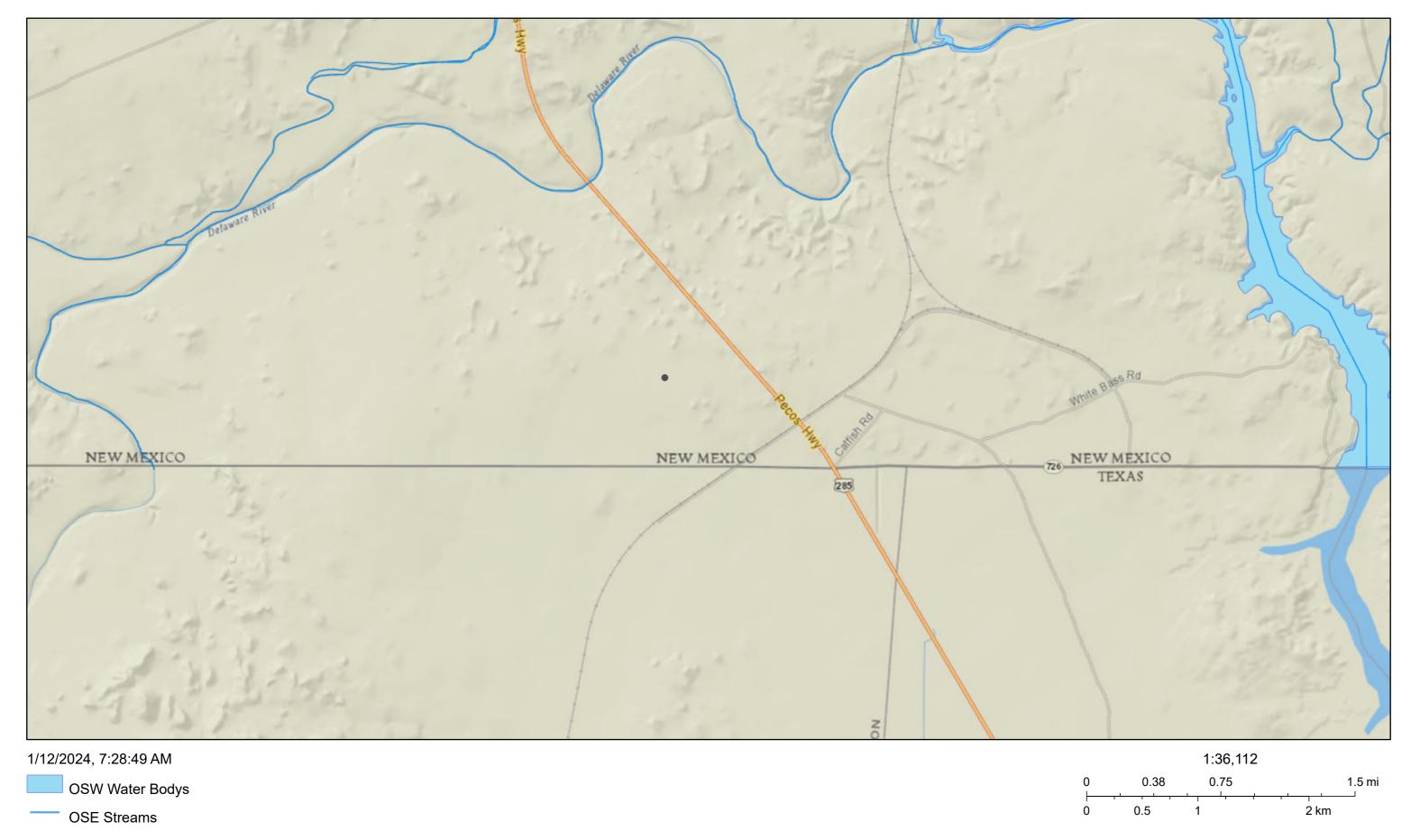
130 250

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.

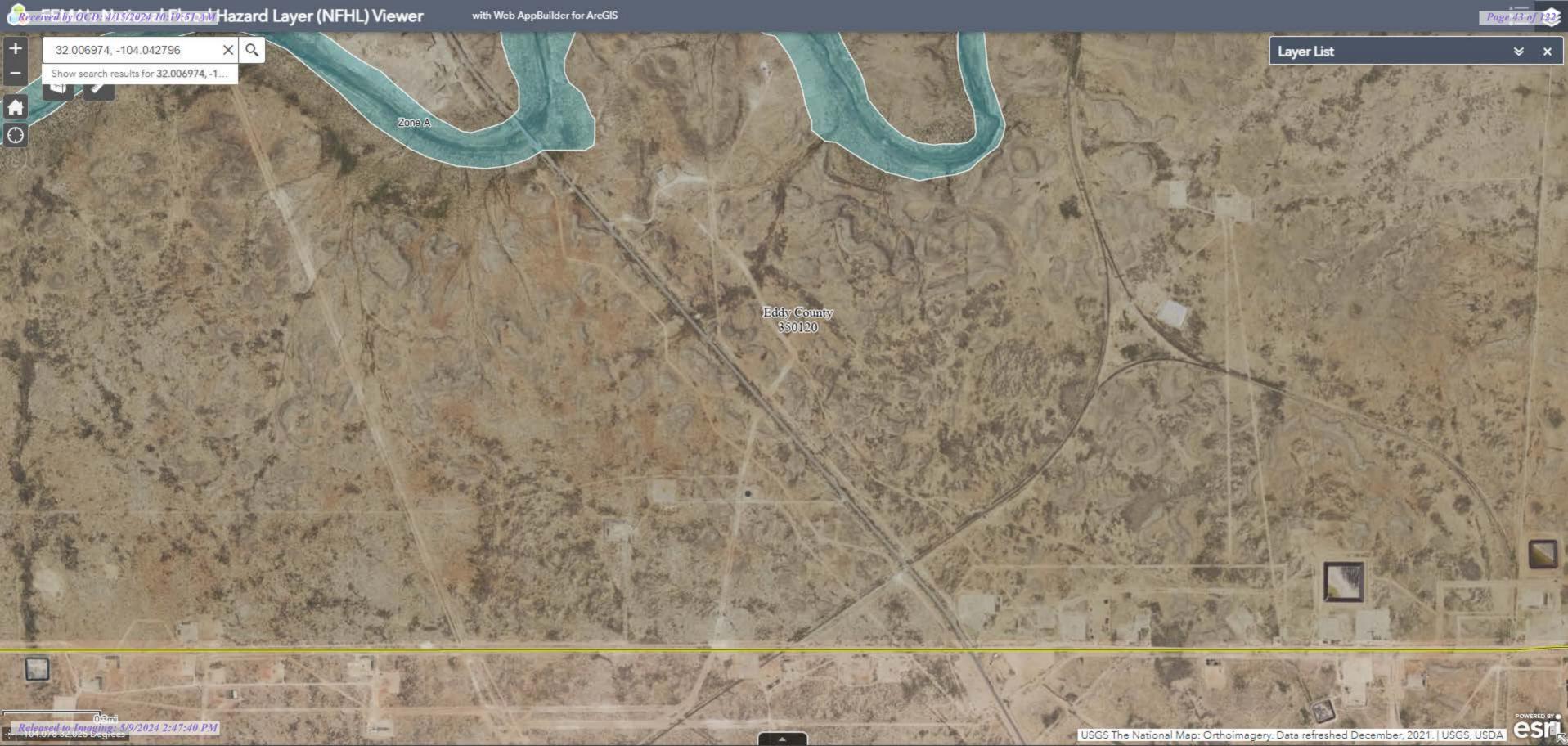
1/10/24 7:27 AM

POINT OF DIVERSION SUMMARY

Rustler Bluff 25 Central Tank Battery



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp., NM OSE



APPENDIX E





January 24, 2024

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: RUSTLER BLUFF 25 TB (12.23.2023)

Enclosed are the results of analyses for samples received by the laboratory on 01/19/24 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 01/19/2024

Sampling Date: 01/17/2024

Reported: 01/24/2024
Project Name: RUSTLER BLUFF 25 TB (12.23.2023)

Sampling Type: Soil

Project Number: 2236

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

Sample ID: T - 1 (0-1.0') (H240256-01)

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	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/22/2024	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*	11.2	10.0	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	194	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	32.8	10.0	01/22/2024	ND					
Surrogate: 1-Chlorooctane	103 :	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Celey D. Keine



Cool & Intact

Shari Cisneros

Analytical Results For:

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

Received: 01/19/2024 Reported:

Sampling Date: 01/17/2024 01/24/2024 Sampling Type: Soil

Sampling Condition:

Sample Received By:

Project Name: RUSTLER BLUFF 25 TB (12.23.2023) Project Number: 2236

Project Location:

CHEVRON - EDDY CO NM

Sample ID: T - 1 (1.5') (H240256-02)

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	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/22/2024	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	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	<10.0	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	<10.0	10.0	01/22/2024	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 01/19/2024 Reported: 01/24/2024 Sampling Date: 01/17/2024 Sampling Type: Soil

Project Name: RUSTLER BLUFF 25 TB (12.23.2023) Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Project Number: 2236

Project Location: CHEVRON - EDDY CO NM

Sample ID: T - 1 (2.0') (H240256-03)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/22/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	<10.0	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	<10.0	10.0	01/22/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 01/19/2024 Reported: 01/24/2024 Sampling Date: 01/17/2024

Reported: 01/24/2024

Project Name: RUSTLER BLUFF 25 TB (12.23.2023)

Sampling Type: Soil

Project Number: 2236

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

mg/kg

Sample ID: T - 1 (3.0') (H240256-04)

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	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	<10.0	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	<10.0	10.0	01/22/2024	ND					
Surrogate: 1-Chlorooctane	117 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

Analyzed By: JH

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Celeg D. Freene



Analytical Results For:

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

Received: 01/19/2024 Reported:

01/24/2024 Sampling Type: RUSTLER BLUFF 25 TB (12.23.2023)

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO NM

Soil Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Shari Cisneros

01/17/2024

Sample ID: T - 2 (0-1.0') (H240256-05)

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	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	01/22/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	<10.0	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	<10.0	10.0	01/22/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Shari Cisneros

Analytical Results For:

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

Received: 01/19/2024 Reported:

Sampling Date: 01/17/2024 01/24/2024 Sampling Type: Soil RUSTLER BLUFF 25 TB (12.23.2023) Sampling Condition: Cool & Intact

Sample Received By:

Project Number: 2236

Project Name:

Project Location: CHEVRON - EDDY CO NM

Sample ID: T - 2 (1.5') (H240256-06)

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	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/22/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	<10.0	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	<10.0	10.0	01/22/2024	ND					
Surrogate: 1-Chlorooctane	116 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/19/2024

Sampling Date: 01/17/2024

Reported: 01/24/2024

Project Name: RUSTLER BLUFF 25 TB (12.23.2023)

Sampling Type: Soil

Project Number: 2236

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: CHEVRON - EDDY CO NM

mg/kg

Sample ID: T - 2 (2.0') (H240256-07)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/22/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	<10.0	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	<10.0	10.0	01/22/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 01/19/2024 Reported:

01/24/2024 Sampling Type: RUSTLER BLUFF 25 TB (12.23.2023) Sampling Condition:

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO NM Soil Cool & Intact

Sampling Date:

Sample Received By:

Shari Cisneros

01/17/2024

Sample ID: T - 2 (3.0') (H240256-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/22/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	<10.0	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	<10.0	10.0	01/22/2024	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Ashton Thielke

Bill to: (if different)

Chevron Amy Barnhill

Program: UST/PST PRP rownfields RC

¶perfund □

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Work Order Comments

Chain of Custody

	310 West Wall Ste. 500			Address:		6301 [6301 Deauville Blvd	Blvd			_	State of Project:	roject:]
]			600	_
City, State ZIP: Midl	Midland, TX 79701			City, State ZIP:		Midlan	Midland, TX 79706	706				Keporung	.Level =	Reporting.Level Level				Ç
	432-813-8988		Email:	Email: Abarnhill@chevron.com & ThielkeA@Carmonaresources.com	/ron.com	& Thie	lkeA@(Carmona	resourc	es.com	L	Deliverables: EDD	les: EDD		ADAT -		Curci.	
Nomo.	Rustler Bluff 25 TB (12.23.2023)	12 23.2023)	Turn	Turn Around						ANALYS	SIS REQUEST	JEST	-		-	Pro	Preservative Codes	ve C
Project Name.	2236		☑ Routine	□ Rush	Pres. Code							_		\perp	+	None: NO	Ō	DI Water: H ₂ O
Project ocation	Eddy Co. NM	×	Due Date:	Normal)	_								Cool: Cool	00	MeOH: Me
Sampler's Name:	GPJ		TAT starts the o	TAT starts the day received by the			IRO			_						HCL: HC	_ (NISOH: NIS
PO#	115-01		lab, if recei	ived by 4:30pm	rs	(4,22)) + N	_		_		_	_	_		H2004. H2	12	NaOI. Na
SAMPLE RECEIPT	Temp Blank:	Yes (No) Wet Ice:	Yes No	nete	1B	DRO	500					_)	H ₃ PO ₄ : HP	11.ADIO	
Received Intact	Yes No	Thermor	Thermometer ID:	140	araı	802	_	ide 4					_		IOL	Narioo	NarioO4. Nocio	
Cooler Custody Seals:	O I		Correction Factor:	1	P	TEX	_	nlori							ŀ	Na ₂ O ₂ O	Na ₂ o ₂ o ₃ . Naoo ₃	-
Sample Custody Seals:			Temperature Reading:	0.8		В	_	С		_		7.				ZI ACEL	Zn Acetate+NaOn. Zii	Acid:
Total Containers:	(Corrected Temperature:	J			н 80									NaCita	NaCit Cacinic Acid. Com C	loid.
Sample Identification	ation Date	e Time	Soil	Water Comp	# of		TP									S	Sample Comments	omm
T-1 (0-1.0')) 1/17/2024	024	×	9	_	×	×	×		_	+	L	+	1	+			
T-1 (1.5')	1/17/2024	024	×	G	_	×	×	×		_	+	F	+	1	+			
T-1 (2.0')	1/17/2024	024	×	G	_	×	×	×		_		F	+	1	+			
T-1 (3.0')	1/17/2024	024	×	G	_	×	×	×				L	+		+			
T-2 (0-1.0")) 1/17/2024	024	×	G	_	×	×	×		_	+	L	-	1	+	T		
T-2 (1.5')	1/17/2024	024	×	G	1	×	×	×			+	T	+	ļ	+	T		
T-2 (2.0')	1/17/2024	2024	×	G	_	×	×	×	\vdash		+	L	+	1	+	1		
T-2 (3.0')	1/17/2024	2024	×	G	_	×	×	×	\dagger	-	+	1	+	1	+			
								\vdash	\vdash		+		$\parallel +$		\parallel			
		Pleas	Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com	s to cmoehring	@carmo	nares	ources.	com an	d mcan	mona@c	armona	resourc	es.com					
Relinguished by: (Signature)	Signature)	Recei	Received by: (Signature)	ure)		Date/Time	Time		Relinqu	Relinquished by: (Signature)	(Signat	ure)	Rec	Received by: (Signature)	(Signat	иге)		Date/Time
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G								-									Revised Date 05012020 Rev. 2020.	

Work Order No: 14240254

Page 11 of 11



January 26, 2024

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: RUSTLER BLUFF 25 TB (12.23.2023)

Enclosed are the results of analyses for samples received by the laboratory on 01/23/24 13:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 01/23/2024 Sampling Date: 01/23/2024

Reported: 01/26/2024 Project Name: RUSTLER BLUFF 25 TB (12.23.2023) Sampling Type: Soil

Project Number: 2236 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: CHEVRON - EDDY CO NM

Sample ID: T - 3 (0-1.0') (H240292-01)

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	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	462	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	72.1	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

A .. . l. d D. .. 311

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Celey D. Keine



Analytical Results For:

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

Received: 01/23/2024 Reported: 01/26/2024

RUSTLER BLUFF 25 TB (12.23.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO NM

Sampling Date: 01/23/2024

Sampling Type: Soil

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

Sample ID: T - 3 (1.5') (H240292-02)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

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

Received: 01/23/2024 Reported: 01/26/2024

RUSTLER BLUFF 25 TB (12.23.2023)

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO NM Sampling Date: 01/23/2024

Sampling Type: Soil

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

Sample ID: T - 3 (2.0') (H240292-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keene



01/23/2024

Analytical Results For:

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

Received: 01/23/2024 Reported:

01/26/2024 Sampling Type: Soil RUSTLER BLUFF 25 TB (12.23.2023) Sampling Condition:

Sampling Date:

Project Name: Project Number:

Cool & Intact Sample Received By: 2236 Shalyn Rodriguez

Applyzod By: 14

Project Location: CHEVRON - EDDY CO NM

Sample ID: T - 3 (3.0') (H240292-04)

RTFY 8021R

	^и кд		a By: JH					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
<0.300	0.300	01/23/2024	ND					
117 9	% 71.5-13	4						
mg,	/kg	Analyze	d By: CT					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	01/23/2024	ND	448	112	400	3.64	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
<10.0	10.0	01/24/2024	ND					
89.4	% 48.2-13	4						
101	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300 117 9 mg/ Result 48.0 mg/ Result <10.0 <10.0 <89.4	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 117 % 71.5-13 mg/kg Result Reporting Limit 48.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Celecy D. Keene



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

Analytical Results For:

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

Received: 01/23/2024 Reported:

01/26/2024 RUSTLER BLUFF 25 TB (12.23.2023)

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO NM Sampling Date: 01/23/2024

Sampling Type: Soil

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

Sample ID: T - 4 (0-1.0') (H240292-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2024	ND	2.24	112	2.00	3.36	
Toluene*	0.586	0.050	01/24/2024	ND	2.23	111	2.00	3.20	
Ethylbenzene*	1.68	0.050	01/24/2024	ND	2.23	111	2.00	3.49	
Total Xylenes*	16.4	0.150	01/24/2024	ND	6.54	109	6.00	3.78	
Total BTEX	18.7	0.300	01/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	246 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	428	10.0	01/24/2024	ND	194	97.1	200	1.21	
DRO >C10-C28*	3270	10.0	01/24/2024	ND	190	95.0	200	3.11	
EXT DRO >C28-C36	543	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 01/23/2024 Reported:

01/26/2024 Sampling Type: RUSTLER BLUFF 25 TB (12.23.2023) Sampling Condition:

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO NM Sampling Date: 01/23/2024 Soil

Sample Received By:

Cool & Intact Shalyn Rodriguez

Sample ID: T - 4 (1.5') (H240292-06)

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	01/24/2024	ND	2.24	112	2.00	3.36	
Toluene*	<0.050	0.050	01/24/2024	ND	2.23	111	2.00	3.20	
Ethylbenzene*	<0.050	0.050	01/24/2024	ND	2.23	111	2.00	3.49	
Total Xylenes*	<0.150	0.150	01/24/2024	ND	6.54	109	6.00	3.78	
Total BTEX	<0.300	0.300	01/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	194	97.1	200	1.21	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	190	95.0	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					
Surrogate: 1-Chlorooctane	105 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	6 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 01/23/2024 Reported: 01/26/2024

01/26/2024 Sa RUSTLER BLUFF 25 TB (12.23.2023) Sa

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO NM

Sampling Date: 01/23/2024

Sampling Type: Soil

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

Sample ID: T - 4 (2.0') (H240292-07)

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	01/24/2024	ND	2.24	112	2.00	3.36	
Toluene*	<0.050	0.050	01/24/2024	ND	2.23	111	2.00	3.20	
Ethylbenzene*	<0.050	0.050	01/24/2024	ND	2.23	111	2.00	3.49	
Total Xylenes*	<0.150	0.150	01/24/2024	ND	6.54	109	6.00	3.78	
Total BTEX	<0.300	0.300	01/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	96.2	200	1.62	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

Applyzod By: 14

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Celeg & Freene



01/23/2024

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 01/23/2024 Reported:

01/26/2024 Sampling Type: Soil

Sampling Date:

Project Name:

RUSTLER BLUFF 25 TB (12.23.2023) Sampling Condition: Cool & Intact Project Number: 2236 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: CHEVRON - EDDY CO NM

Sample ID: T - 4 (3.0') (H240292-08)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2024	ND	2.24	112	2.00	3.36	
Toluene*	<0.050	0.050	01/24/2024	ND	2.23	111	2.00	3.20	
Ethylbenzene*	<0.050	0.050	01/24/2024	ND	2.23	111	2.00	3.49	
Total Xylenes*	<0.150	0.150	01/24/2024	ND	6.54	109	6.00	3.78	
Total BTEX	<0.300	0.300	01/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	96.2	200	1.62	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Notes and Definitions

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

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

ecovery.

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

Chain of Custody

Company Name: Address: City, State ZIP: Phone:	Carmona Resources 310 West Wall Ste. 500 Midland, TX 79701	Ste. 500			Company Name Address:	Vame:	9 0	Chevron 6301 Deauville Blvd	auville E	[Ш	Progr	Program: UST/PST PRP	T/PST	PRP	row	PRP rownfields R	□RC	perfund
ate ZIP:	310 West Wall Midland, TX 79	Ste. 500 9701			Address:		0	301 De	auville E	[
ate ZIP:	Midland, TX 79	9701								DAI				State	State of Project:	ect:					
					City, State ZIP	ZIP:	7	Midland, TX 79706	TX 797	96	6			Repor	Reporting:Level III Level III	el II	evel III	□st/ust	TSU	RRP	Level IV
	432-813-8988			Email	Email: Abarnhill@chevron.com & ThielkeA@Carmonaresource	ochevro	n.com &	Thielk	A@C	rmonar	esourc	es.com		Delive	Deliverables: EDD	EDD		ADaPT 🗆	T	Other:	97.
Project Name:	Rustler Bluff 25 TB	f 25 TB (12.23.2023)	3.2023)	Turi	Turn Around						,	ANALYS	IALYSIS REQUEST	UEST						reserv	Preservative Codes
Project Number:		2236		☑ Routine	□ Rush		Pres. Code					_					\dashv	\exists	None: NO	NO	DI Water: H
Project Location	Ed	Eddy Co, NM		Due Date:	Normal	a						_				_	\dashv		Cool: Cool	<u>Coo</u>	MeOH: Me
Sampler's Name:		GPJ		TAT starts the day received by the	day received	by the										_			HCL: HC	ਨ	HNO.: HN
PO#:		115-01		lab, if rece	lab, if received by 4:30pm	3	s	+ M	- 1411			_							H ₂ S0 ₄ : H ₂	.	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	(Yes)	No	eter	DRO				_							H ₃ PO ₄ : HP	₩,	
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Sample Custody Seals:	s: Yes	No N/A	Temperatu	Temperature Reading:	4.32				_			_							Zn Ace	state+Na	Zn Acetate+NaOH: Zn
Total Containers:			Corrected '	Corrected Temperature:	1			1 801	-										NaOH	+Ascorb	NaOH+Ascorbic Acid: SAPC
Sample Identification	ification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	ТР											(6	ample	Sample Comments
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Work Cider No: H240292

Page 11 of 11



January 26, 2024

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: RUSTLER BLUFF 25 TB (12.23.2023)

Enclosed are the results of analyses for samples received by the laboratory on 01/23/24 13:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 ASHTON THIELKE 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 01/23/2024 Reported: 01/26/2024 Sampling Date: 01/23/2024 Sampling Type: Soil

Project Name:

RUSTLER BLUFF 25 TB (12.23.2023)

Sampling Condition: Cool & Intact

Project Number: 2236

Sample Received By: Tamara Oldaker

Project Location: CHEVRON - EDDY CO NM

Sample ID: H - 1 (0-0.5') (H240291-01)

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	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	320	16.0	01/23/2024	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	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/23/2024 Reported: 01/26/2024 Sampling Date: 01/23/2024

Reported: 01/26/2024

Project Name: RUSTLER BLUFF 25 TB (12.23.2023)

Sampling Type: Soil

Project Number: 2236

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

Project Location: CHEVRON - EDDY CO NM

Sample ID: H - 2 (0-0.5') (H240291-02)

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	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 01/23/2024 Reported: 01/26/2024

01/26/2024 RUSTLER BLUFF 25 TB (12.23.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO NM

Sampling Date: 01/23/2024

Sampling Type: Soil

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

Sample ID: H - 3 (0-0.5') (H240291-03)

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	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Applyzod By: 14

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Celeg D. Frene



Analytical Results For:

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

Received: 01/23/2024 Sampling Date: 01/23/2024

Reported: 01/26/2024 Project Name: RUSTLER BLUFF 25 TB (12.23.2023) Sampling Type: Soil Sampling Condition: Cool & Intact

Project Number: 2236 Sample Received By: Tamara Oldaker

Project Location: CHEVRON - EDDY CO NM

Sample ID: H - 4 (0-0.5') (H240291-04)

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	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	124 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 01/23/2024 Reported: 01/26/2024

Project Name: RUSTLER BLUFF 25 TB (12.23.2023)

Project Number: 2236

Project Location: CHEVRON - EDDY CO NM Sampling Date: 01/23/2024

Sampling Type: Soil

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

Sample ID: H - 5 (0-0.5') (H240291-05)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 01/23/2024 Reported:

01/26/2024 RUSTLER BLUFF 25 TB (12.23.2023)

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO NM Sampling Date: 01/23/2024

Sampling Type: Soil

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

Sample ID: H - 6 (0-0.5') (H240291-06)

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	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 01/23/2024 Reported: 01/26/2024

01/26/2024 RUSTLER BLUFF 25 TB (12.23.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO NM

Sampling Date: 01/23/2024

Sampling Type: Soil

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

Sample ID: H - 7 (0-0.5') (H240291-07)

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	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (F	PID 111 9	% 71.5-13	34						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/23/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	23.9	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	18						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	18						

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Notes and Definitions

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

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

ecovery.

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

3	1	Relin				3.	T	16			21	N	2		34039	Total Containers		Sample C	Cooler Cu	Received Intact:	SAMPL	PO#:	Sampler's Name	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP	Address:	Company Name:	Project Manager:				
	iduoisca p.	Relinguished by: (Signature)						H-7 (0-0.5')	H-6 (0-0.5')	H-5 (0-0.5')	H-4 (0-0.5')	H-3 (0-0.5')	H-2 (0-0.5')	H-1 (0-0.5')	39 Sample Identification	itainers.		Sample Custody Seals:	Cooler Custody Seals:	Intact:	SAMPLE RECEIPT		Name:	cation			432		310						
		Signature)		x											ation			Yes No	Yes No	Yes No	Temp Blank:	11	0	Eddy	2	Rustler Bluff 25 TB (12.23.2023)	432-813-8988	Midland, TX 79701	310 West Wall Ste. 500	Carmona Resources	ASITION I MEIKE	ton Thiolko			
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4		re)		to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com				_	_	_	_				Water Comp	Grab/		4.31	1	40	Yes No	ed by 4.3upin	TAT starts the day received by the	Normal	□ Rush	Turn Around	Email: Abarnhill@chevron.com &	City, State ZIP	Address:	Company Name	iii ko. (iii diiididi	Bill to: (if different)			
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February 09, 2024

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: RUSTLER BLUFF 25 TB (12.26.2023)

Enclosed are the results of analyses for samples received by the laboratory on 02/08/24 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/08/2024 Reported: 02/09/2024 Sampling Date: 02/05/2024 Sampling Type:

Project Name:

RUSTLER BLUFF 25 TB (12.26.2023)

Soil

Project Number: 2236 Sampling Condition: Sample Received By: ** (See Notes) Dionica Hinojos

Project Location: CHEVRON - EDDY CO, NM

Sample ID: CS - 1 (1.5') (H240598-01)

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	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	80.0	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

02/09/2024 Sampling Type: RUSTLER BLUFF 25 TB (12.26.2023) Sampling Condition:

Applyzod By: 14

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024 Sampling Type: Soil

Sample Received By:

** (See Notes)
Dionica Hinojos

Sample ID: CS - 2 (1.5') (H240598-02)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	64.0	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported:

Sampling Date: 02/05/2024 02/09/2024 Sampling Type: Soil

Project Name: Project Number:

RUSTLER BLUFF 25 TB (12.26.2023) Sampling Condition: ** (See Notes) 2236 Sample Received By: Dionica Hinojos

Project Location: CHEVRON - EDDY CO, NM

Sample ID: CS - 3 (1.5') (H240598-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.5	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Number: 2236

Project Name:

Project Location: CHEVRON - EDDY CO, NM Sampling Date: 02/05/2024

Sampling Type: Soil

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

Dionica Hinojos

Sample ID: CS - 4 (1.5') (H240598-04)

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	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	77.6	77.6% 48.2-134							
Surrogate: 1-Chlorooctadecane	72.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Dionica Hinojos

Sample ID: CS -5 (1.5') (H240598-05)

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	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2024	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	02/08/2024	ND	211	106	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	207	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	71.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.5	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM Sampling Date: 02/05/2024

Sampling Type: Soil

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

Dionica Hinojos

Sample ID: CS -6 (1.5') (H240598-06)

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	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	48.0	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	69.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

08/2024 Sampling Date: 02/05/2024 09/2024 Sampling Type: Soil

Project Name: RUST Project Number: 2236

RUSTLER BLUFF 25 TB (12.26.2023)

Sampling Condition:

*** (See Notes)

Sample Received By:

Dionica Hinojos

Project Location: CHEVRON - EDDY CO, NM

Sample ID: CS -7 (1.5') (H240598-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	73.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Dionica Hinojos

Sample ID: CS -8 (1.5') (H240598-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	73.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported:

02/09/2024 Sampling Type:

Project Name: RUSTLER BLUFF 25 TB (12.26.2023) Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

mg/kg

Sampling Date: 02/05/2024

Soil

Sampling Condition: ** (See Notes) Dionica Hinojos Sample Received By:

Sample ID: CS -9 (1.5') (H240598-09)

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	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	/kg	Analyze	ed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

02/09/2024 RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Dionica Hinojos

Sample ID: CS -10 (1.5') (H240598-10)

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	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	144	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	69.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

 02/08/2024
 Sampling Date:
 02/05/2024

 02/09/2024
 Sampling Type:
 Soil

Project Name: RUSTLER BLUFF 25 TB (12.26.2023)
Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Condition: ** (See Notes)
Sample Received By: Dionica Hinojos

Sample ID: CS -11 (1.5') (H240598-11)

Benzene* <0.050	% Recovery 110 111 109 109	True Value QC 2.00 2.00 2.00	RPD 1.93 2.29	Qualifier
Toluene* <0.050 0.050 02/08/2024 ND 2.21 Ethylbenzene* <0.050 0.050 02/08/2024 ND 2.18	111 109	2.00		
Ethylbenzene* <0.050 0.050 02/08/2024 ND 2.18	109		2.29	
•		2.00		
Total Vidence* (0.1F) 0.1F0 0.2/09/2024 ND 6.FF	109		1.97	
Total Xylenes* <0.150 0.150 02/08/2024 ND 6.55		6.00	1.50	
Total BTEX <0.300 0.300 02/08/2024 ND				
Surrogate: 4-Bromofluorobenzene (PID 104 % 71.5-134				
Chloride, SM4500Cl-B mg/kg Analyzed By: AC				
Analyte Result Reporting Limit Analyzed Method Blank BS 9	% Recovery	True Value QC	RPD	Qualifier
Chloride 96.0 16.0 02/09/2024 ND 432	108	400	0.00	
TPH 8015M mg/kg Analyzed By: MS				
Analyte Result Reporting Limit Analyzed Method Blank BS 9	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 02/08/2024 ND 201	100	200	1.74	
DRO >C10-C28* <10.0 10.0 02/08/2024 ND 206	103	200	0.637	
EXT DRO >C28-C36 <10.0 10.0 02/08/2024 ND				
Surrogate: 1-Chlorooctane 75.9 % 48.2-134				
Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148				

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

9/2024 Sampling Type: Soil

Project Name: RUSTLER BLUFF 25 TB (12.26.2023)
Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024
Sampling Type: Soil

Sampling Condition:

Sample Received By:

** (See Notes)
Dionica Hinojos

Sample ID: CS -12 (1.5') (H240598-12)

Analyte Result Reporting Lir	mit Analyzed	Method Blank					
		riction blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene* <0.050 0.050	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene* <0.050 0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene* <0.050 0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes* <0.150 0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX <0.300 0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID 103 % 71.	5-134						
Chloride, SM4500Cl-B mg/kg	Analyze	d By: AC					
Analyte Result Reporting Lin	mit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 16.0 16.0	02/09/2024	ND	432	108	400	0.00	
TPH 8015M mg/kg	Analyze	d By: MS					
Analyte Result Reporting Lir	mit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28* <10.0 10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36 <10.0 10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane 80.6 % 48.	2-134						
Surrogate: 1-Chlorooctadecane 79.7 % 49.	1-148						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

02/09/2024 Sampling Type: RUSTLER BLUFF 25 TB (12.26.2023) Sampling Condition:

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sample Received By:

Soil

** (See Notes)
Dionica Hinojos

Sample ID: CS -13 (2.0') (H240598-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024 Sampling Date: 02/05/2024
Sampling Type: Soil

Project Name:

RUSTLER BLUFF 25 TB (12.26.2023)

Sampling Condition: ** (See Notes)
Sample Received By: Dionica Hinojos

Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sample ID: CS -14 (2.0') (H240598-14)

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	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	< 0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.4	% 49.1-14	18						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM Sampling Date: 02/05/2024

Sampling Type: Soil

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

Dionica Hinojos

Sample ID: CS -15 (2.0') (H240598-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Dionica Hinojos

Sample ID: CS -16 (2.0') (H240598-16)

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	02/08/2024	ND	2.21	110	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	111	2.00	2.29	
Ethylbenzene*	< 0.050	0.050	02/08/2024	ND	2.18	109	2.00	1.97	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.55	109	6.00	1.50	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/09/2024	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	02/08/2024	ND	201	100	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	206	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

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Celey D. Keine



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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		/: (Signature)						(1.5')	(1.5')	(1.5')	(1.5')	1.5')	1.5')	1.5')	1.5')	1.5')	1.5')	ntification		Yes	Yes	(Ye				Edo		Rustler Bluff	432-813-8988	Midland, TX 79701	310 West Wall Ste.	Carmona Resources	Ashton Thielke			
	AT.)				×		2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	Date		No CNIA)			Temp Blank:	115-01	AT	Eddy Co, NM	2236	Rustler Bluff 25 TB (12.26.2023)		701	Ste. 500	urces		2		
	}	Received by:					Please se											Time	Corrected 1	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No					3.2023)								
\$	Est.	by: (Signature)					nd results	×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	e Reading:	actor:	er ID:	Wet Ice:	lab, if rece	TAT starts the	Due Date.	Routipe	Turi	Email:							
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Project Name:	Rustler Bluff 25 TB	ff 25 TB (12.26.2023)	.2023)	Turn	Turn Around						ANALY	ANALYSIS REQUEST	UEST					Prese	Preservative Codes	Codes	
Project Number:				Routine	Rush	Code	de										z	None: NO	□	DI Water: H ₂ O	õ
Project Location	E	Eddy Co, NM		Due Date:	24 Hour)									C	Cool: Cool	Me	MeOH: Me	
Sampler's Name:		АТ		TAT starts the	TAT starts the day received by the	the		MRO									I	HCL: HC	Ŧ	HNO3: HN	
PO#:		115-01		lab, if rece	ived by 4:30pm			0 + 1									I	H ₂ S0 ₄ : H ₂	Na	NaOH: Na	
SAMPLE RECEIPT		Blank:	Yes No	Wet Ice:	Yes No	met		+ DR	4500						181			H₃PO₄: HP			
Cooler Custody Seals:	- - -	No ANIA	Correction Factor:	actor:	140	Par	EX 8	GRO	loride								HOL	Na ₂ S ₂ O ₃ : NaSO ₃	aSO ₃		
Sample Custody Seals:	5 .	No	Temperature Reading:	e Reading:	-0,10	U 3	В	15M (Ch								Z	Zn Acetate+NaOH: Zn	NaOH: 2	Žn	
Total Containers:		-	Corrected T	Corrected Temperature:	1			H 801									z	NaOH+Ascorbic Acid: SAPC	orbic Acid	: SAPC	
Sample Identification	entification	Date	Time	Soil	Water Cc	Grab/ # of Comp Cont	of it	TP										Samp	Sample Comments	ments	
CS-11	CS-11 (1.5')	2/5/2024		×	20	Comp 1	×	×	×												
	CS-12 (1.5')	2/5/2024		×	င္ပ	Comp 1	×	×	×												
CS-13 (2.0')	3 (2.0')	2/5/2024		×	CC	Comp 1	×	×	×												
	CS-14 (2.0')	2/5/2024		×	CC	Comp 1	×	×	×												
	CS-15 (2.0')	2/5/2024		×	CC	Comp 1	_ ×	×	×												L.
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February 09, 2024

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: RUSTLER BLUFF 25 TB (12.26.2023)

Enclosed are the results of analyses for samples received by the laboratory on 02/08/24 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/08/2024 Reported: 02/09/2024

Project Name: RUSTLER BLUFF 25 TB (12.26.2023)

mg/kg

Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: SW - 1 (1.5') (H240599-01)

BTEX 8021B

DILX 6021D	ilig	r kg	Allalyze	a by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/08/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024 Sampling Date: 02/05/2024 Sampling Type: Soil

Project Name:

BTEX 8021B

RUSTLER BLUFF 25 TB (12.26.2023) Sampling Condition:

Analyzed By: JH

Project Number: 2236

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Project Location: CHEVRON - EDDY CO, NM

Sample ID: SW - 2 (1.5') (H240599-02)

BIEX 8021B	ilig/	rky .	Allalyze	u by. Jn					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	64.0	16.0	02/08/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

Project Name: RUSTLER BLUFF 25 TB (12.26.2023)

Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW - 3 (1.5') (H240599-03)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4 % 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	112	16.0	02/08/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

02/09/2024 Sampling Type: RUSTLER BLUFF 25 TB (12.26.2023) Sampling Condition:

Applyzod By: 14

Project Name: RUSTLI Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Soil Cool & Intact

Sample Received By: Dionica Hinojos

Sample ID: SW - 4 (1.5') (H240599-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	02/08/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

02/09/2024 RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW - 5 (1.5') (H240599-05)

BTEX 8021B

	9/9		·						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 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	80.0	16.0	02/08/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 02/08/2024 Sampling Date: 02/05/2024

Reported: 02/09/2024 Project Name: RUSTLER BLUFF 25 TB (12.26.2023) Sampling Type: Soil Sampling Condition: Cool & Intact

Project Number: 2236 Sample Received By: Dionica Hinojos

Project Location: CHEVRON - EDDY CO, NM

Sample ID: SW - 6 (1.5') (H240599-06)

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	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	144	16.0	02/08/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Number: 2236

Project Name:

BTEX 8021B

Project Location: CHEVRON - EDDY CO, NM

82.5 %

49.1-148

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW - 7 (1.5') (H240599-07)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	02/08/2024	ND	416	104	400	3.77	
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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						

Analyzed By: JH

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Surrogate: 1-Chlorooctadecane



Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW - 8 (1.5') (H240599-08)

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	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	80.0	16.0	02/08/2024	ND	416	104	400	3.77	
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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024 Sampling Date: 02/05/2024

Reported: Project Name: Sampling Type: Soil

Project Name: RUSTLER BLUFF 25 TB (12.26.2023)
Project Number: 2236

Sampling Condition: Sample Received By:

Cool & Intact
Dionica Hinojos

Project Location: CHEVRON - EDDY CO, NM

Sample ID: SW - 9 (1.5') (H240599-09)

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	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 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	<16.0	16.0	02/08/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 02/08/2024 Reported:

02/09/2024 Sampling Type: RUSTLER BLUFF 25 TB (12.26.2023) Sampling Condition:

Analyzed By: JH

Project Name: Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM Sampling Date: 02/05/2024

Soil

Sample Received By:

Cool & Intact Dionica Hinojos

Sample ID: SW - 10 (0.5') (H240599-10)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	02/08/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

02/09/2024 Sa RUSTLER BLUFF 25 TB (12.26.2023) Sa

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW - 11 (2.0') (H240599-11)

BTEX 8021B

BIEX 8021B	ilig/kg		Allalyze	Alialyzeu by. Jii					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4 % 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	<16.0	16.0	02/08/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

RUSTLER BLUFF 25 TB (12.26.2023)

Project Name: RUST Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW - 12 (2.0') (H240599-12)

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	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 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	02/08/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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Sample Received By:

02/05/2024

Dionica Hinojos

Analytical Results For:

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

Received: 02/08/2024 Sampling Date:

Reported: 02/09/2024 Sampling Type:

Reported: 02/09/2024 Sampling Type: Soil

Project Name: RUSTLER BLUFF 25 TB (12.26.2023) Sampling Condition: Cool & Intact

Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM

Sample ID: SW - 13 (2.0') (H240599-13)

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	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	<16.0	16.0	02/08/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 02/08/2024 Reported: 02/09/2024

Project Name: RUSTLER BLUFF 25 TB (12.26.2023)

Project Number: 2236

Project Location: CHEVRON - EDDY CO, NM Sampling Date: 02/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: SW - 14 (1.5') (H240599-14)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.22	111	2.00	0.531	
Toluene*	<0.050	0.050	02/08/2024	ND	2.21	110	2.00	0.559	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.17	109	2.00	0.398	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	6.34	106	6.00	0.593	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	02/08/2024	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	02/08/2024	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	218	109	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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	A A A	ラス				2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	2/5/2024	Date			No NA	No MIA	Yes No	Temp Blank:	115-01	AT	Eddy Co, NM	2236	ff 25 TB (12.26		9701	II ote. oud	II Sto EOO	ources	Φ				
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3	/: (Signature)						(1.5)	(2.0')	(2.0')	(2.0')	filication	tification		ls: Yes	Y	_				Е		Rustler Blu	432-813-8988	Midland, TX 79701	310 West Wall Ste. 500	Carmona Resources	Company Box	Ashton Thielke		
A Pr	•						4707/6/7	2/5/2024	2/5/2024	2/5/2024	7000	Date		No WA	No NIA	Yes No	Temp Blank:	115-01	AT	Eddy Co, NM	2236	Rustler Bluff 25 TB (12.26.2023)		9701	II Ste. 500	ources		TD		
3,	Receive	Please						T				Time	Corrected	Temperat	Correction Factor:	Thermometer ID:	Yes No					6.2023)						X		
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	Date/Time	,										Sample Comments		NaOH+Ascorbic Acid: SAPC	· Zn			NaOn. Na	NaOH: Na	MeOH: Me	DI Water: H ₂ U	Preservative Codes			Level IV		uperfund		of 2_	
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<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 333233

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	333233
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2336146606
Incident Name	NAPP2336146606 RUSTLER BLUFF 25 CENTRAL TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2131327599] Rustler Bluff 25 Central Tank Battery

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Rustler Bluff 25 Central Tank Battery
Date Release Discovered	12/26/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 8 BBL Recovered: 4 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 31 BBL Recovered: 3 BBL Lost: 28 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

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 333233

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUEST	IONS (continued)
Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323 Action Number: 333233 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a second constant of the control of the co	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com

Date: 04/15/2024

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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 333233

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	333233
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	Direct Measurement	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be p	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 co	ntamination 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 delineate	ed Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for ea	ach, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	1570
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	4241
GRO+DRO (EPA SW-846 Method 8015M)	3698
BTEX (EPA SW-846 Method 8021B or 8260B)	18.7
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes which includes the anticipated timelines for beginning and completing the remediation	s completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, h.
On what estimated date will the remediation commence	02/05/2024
On what date will (or did) the final sampling or liner inspection occur	02/05/2024
On what date will (or was) the remediation complete(d)	02/05/2024
What is the estimated surface area (in square feet) that will be reclaimed	2885
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 remediate	ed 2885
What is the estimated volume (in cubic yards) that will be remediated	190
These estimated dates and measurements are recognized to be the best guess or calcu	lation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally ac	djusted 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 333233

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	333233
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate	This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

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

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

I hereby agree and sign off to the above statement

Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com

Date: 04/15/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 333233

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	333233
	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 333233

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Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	333233
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	310313
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/05/2024
What was the (estimated) number of samples that were to be gathered	17
What was the sampling surface area in square feet	3400

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	2885	
What was the total volume (cubic yards) remediated	190	
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)	"Contaminated area on the pad and lease road was remediated/excavated and replaced with clean soil. All confirmation samples were below standards set in Table 1, 19.15.29 NMAC."	

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

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

Name: Amy Barnhill
Title: Waste & Water Specialist
Email: ABarnhill@chevron.com
Date: 04/15/2024

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QUESTIONS, Page 7

Action 333233

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	333233
	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 333233

CONDITIONS

Operator:	OGRID:	
CHEVRON U S A INC	4323	
6301 Deauville Blvd	Action Number:	
Midland, TX 79706	333233	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2336146606 RUSTLER BLUFF 25 CENTRAL TANK BATTERY, thank you. This Remediation Closure Report is approved.	5/9/2024