



SITE INFORMATION

Closure Report
Seldom Seen 15 Federal 1H
Incident ID: NAPP2527954025
Eddy County, New Mexico
Unit E, Sec 15, T25S, R26E
32.12428, -104.27366

Produced Water Release
Point of Release: Corrosion on Valve around Separator
Release Date: 10.05.2025
Volume Released: 10 Barrels of Produced Water
Volume Recovered: 5 Barrels of Produced Water

CARMONA RESOURCES



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

Prepared by:
Carmona Resources, LLC
310 West Wall Street
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432.813.1992



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October 30, 2025

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

Re: **Closure Report**
Seldom Seen 15 Federal 1H (10.05.2025)
Incident ID: NAPP2527954025
Cimarex Energy Co. of Colorado
Site Location: Unit E, S15, T25S, R26E
32.12428, -104.27366
Eddy County, New Mexico

Mr. Bratcher:

At the request of Cimarex Energy Co. of Colorado (Cimarex), Carmona Resources LLC has prepared this letter to document the site remediation conducted at the Seldom Seen 15 Federal 1H located at 32.12428, -104.27366 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 October 5, 2025, due to corrosion on a valve around the separators. It resulted in approximately ten (10) barrels of produced water being released inside and outside of the containment, with five (5) barrels of produced water recovered. The release area is approximately 1,356 sq ft. The spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is approximately 0.81 miles Southwest of the site in S22, T25S, R26E, and was drilled in 1967. The well was drilled to 143 feet below ground surface (ft bgs) and showed evidence of groundwater beginning at 118 ft bgs. A copy of the associated well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Remediation Activities

Beginning on October 6, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on October 8, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of concern was excavated to a depth of 1.5 ft bgs. A total of nine (9) confirmation floor samples (CS-1 through CS-9) were collected, and twenty (20) sidewall samples (SW-1 through SW-20) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico accordance with established chain-of-custody protocols. 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 3.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,356 square feet of contamination was remediated, resulting in 75 cubic yards of material excavated and transported offsite for proper disposal. A composite sample from the Fred Beard Backfill Pit, located at 32.161928, -104.316363, was collected for laboratory analysis on October 24, 2025, before being utilized. Laboratory data can be found in Table 1.

5.0 Liner Inspection Activities

Before conducting the liner inspection, a crew was onsite to remove all freestanding fluids and contaminated gravel within the lined facility. Approximately 1,450 square feet of impacted gravels were removed from the lined containment prior to the liner inspection commenced. Once all contaminated gravel was removed, the NMOCD division office was notified via NMOCD portal on October 18, 2025 per Subsection D of 19.15.29.12 NMAC. See Appendix C for the NMOCD correspondence prior to performing the liner inspection. On October 22, 2025, Carmona Resources, LLC conducted liner inspection activities to assess the integrity of the liner and determined that there were no integrity issues. Refer to the Photolog in Appendix B. Appendix C also contains a Liner Integrity Certification.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

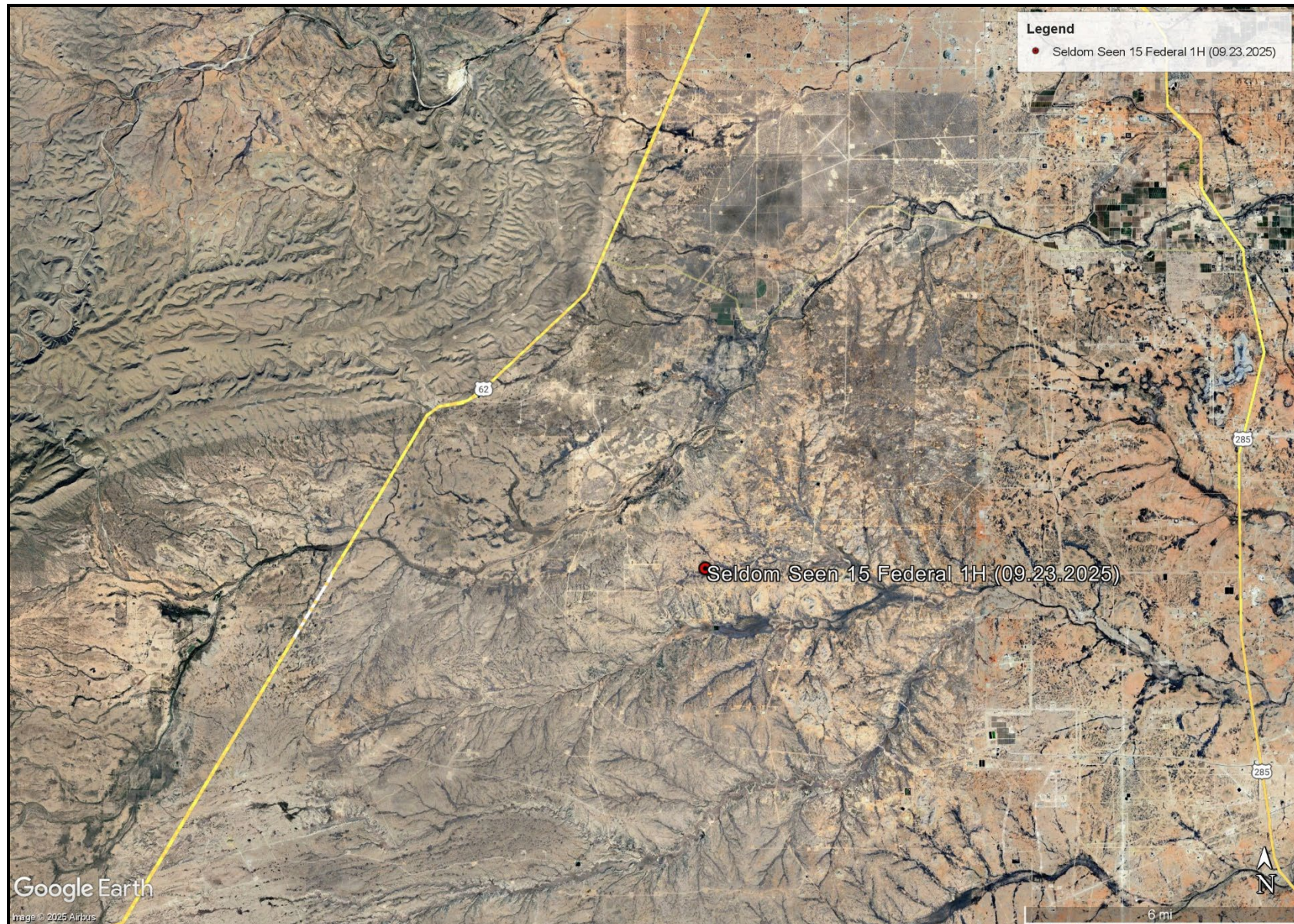
Ashton Thielke
Environmental Manager

Riley Plogger
Project Manager

FIGURES

CARMONA RESOURCES

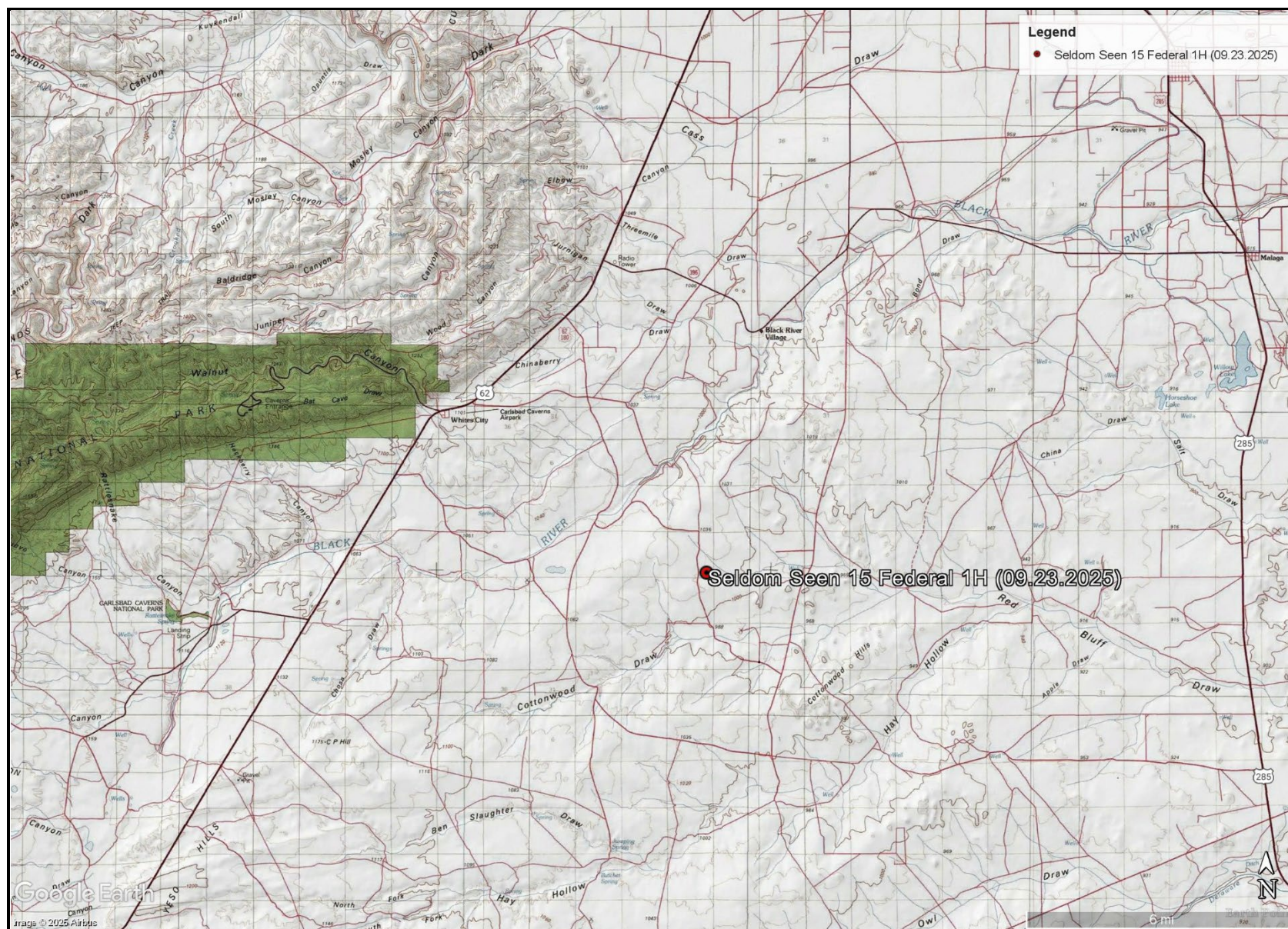




OVERVIEW MAP
 CIMAREX ENERGY CO. OF COLORADO
 SELDOM SEEN 15 FEDERAL 1H (10.05.2025)
 EDDY COUNTY, NEW MEXICO
 32.12428°, - 104.27366°



FIGURE 1



TOPOGRAPHIC MAP
 CIMAREX ENERGY CO. OF COLORADO
 SELDOM SEEN 15 FEDERAL 1H (10.05.2025)
 EDDY COUNTY, NEW MEXICO
 32.12428°, - 104.27366°

CARMONA RESOURCES



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
Cimarex Energy Co.
Seldom Seen 15 Federal 1H (09.23.2023)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-2	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-3	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-4	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-5	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-6	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	10/13/2025	1.5'	<10.0	36.8	15.0	51.8	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-8	10/13/2025	1.5'	<10.0	31.8	15.0	46.8	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-9	10/13/2025	1.5'	<10.0	38.1	16.0	54.1	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-1	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-2	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-3	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-4	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-5	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-6	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-7	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-8	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-9	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-10	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-11	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-12	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-13	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-14	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-15	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-16	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-17	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-18	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-19	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-20	10/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
Fred Beard Backfill	10/24/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.9
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

(SW) - Shallow Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View Southeast, Area of CS-1 and CS-2.



Photograph No. 2

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View Northwest, Area of CS-7.



Photograph No. 3

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View Northwest, Area of CS-4 and CS-5



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 4

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View West, Area of CS-8 and CS-9.



Photograph No. 5

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View Southwest, Area of CS-6 and CS-7.



Photograph No. 6

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View Northeast, Area of CS-3 and CS-7.



PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 7**

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View Southwest of spill area within secondary containment.

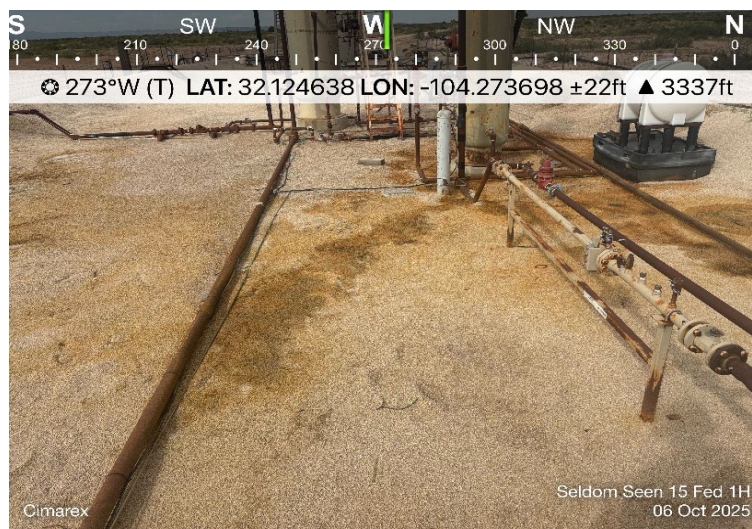
**Photograph No. 8**

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View West of spill area within secondary containment.

**Photograph No. 9**

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View North of spill area within secondary containment.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

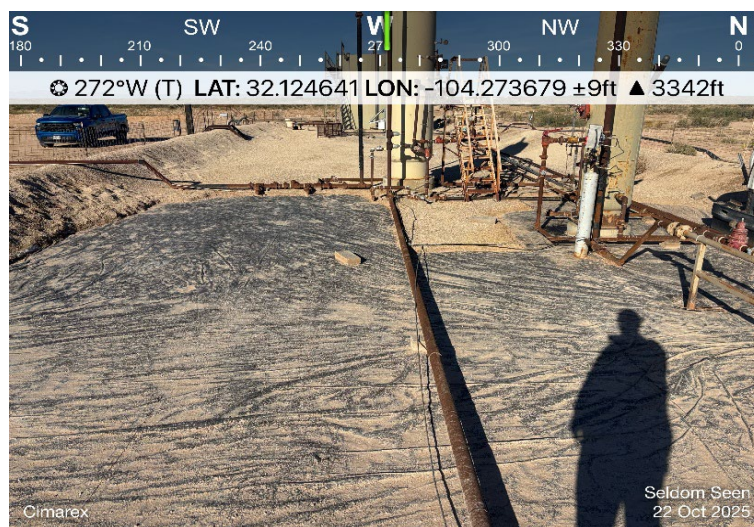
Photograph No. 10

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View West of linear inspection with impacted gravel removed.



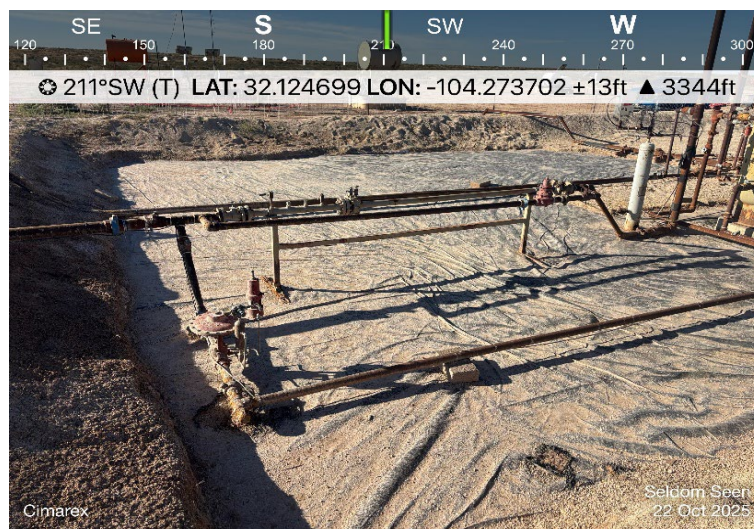
Photograph No. 11

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View Southwest of linear inspection with impacted gravel removed.



Photograph No. 12

Facility: Seldom Seen 15 Fed 1H
(10.05.2025)

County: Eddy County, New Mexico

Description:

View Northeast of linear inspection with impacted gravel removed.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 512664

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 512664
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Seldom Seen 15 Federal 1H
Date Release Discovered	10/05/2025
Surface Owner	Federal

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Valve Produced Water Released: 10 BBL Recovered: 5 BBL Lost: 5 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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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 512664

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 512664
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 512664

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 512664
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 512664

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 512664
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
nrose	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/6/2025

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 513089

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 513089
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2527954025
Incident Name	NAPP2527954025 SELDOM SEEN 15 FEDERAL 1H @ E-15-25S-26E
Incident Type	Produced Water Release
Incident Status	Notification Accepted

Location of Release Source	
Site Name	Seldom Seen 15 Federal 1H
Date Release Discovered	10/05/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	350
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/13/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	432-813-8988 - Carmona Resources will be onsite to collect confirmation samples from the release that spilled outside of the containment
Please provide any information necessary for navigation to sampling site	32.12428,-104.27366

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 513089

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 513089
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/8/2025
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/8/2025

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QUESTIONS

Action 513103

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 513103
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2527954025
Incident Name	NAPP2527954025 SELDOM SEEN 15 FEDERAL 1H @ E-15-25S-26E
Incident Type	Produced Water Release
Incident Status	Notification Accepted

Location of Release Source	
Site Name	Seldom Seen 15 Federal 1H
Date Release Discovered	10/05/2025
Surface Owner	Federal

Liner Inspection Event Information	
<i>Please answer all the questions in this group.</i>	
What is the liner inspection surface area in square feet	1,900
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	10/22/2025
Time liner inspection will commence	08:30 AM
Warning: Notification can not be less than two business days prior to conducting liner inspection.	
Please provide any information necessary for observers to liner inspection	432-813-8988 - Carmona Resources will be onsite to inspect the originally affected release area on the east side of the containment. All gravel has been removed to expose the plastic liner.
Please provide any information necessary for navigation to liner inspection site	32.12428,-104.27366

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 513103

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 513103
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	10/18/2025



Liner Integrity Certification

The following serves to verify that the affected liner has been inspected and found to be in serviceable condition in accordance with 19.15.29.11 A.(5)(a)(i-ii) of the New Mexico Administrative Code.

API Number: 30-015-37714

Date: 10/22/2025

Incident ID(s): NAPP2527954025

- ☒ Responsible Party has visually inspected the liner.
- ☒ Liner remains intact and was able to contain the leak in question.
- ☒ At least two business days' notice was given to the appropriate division district office before conducting the liner inspection.
- ☒ Photographs illustrating liner integrity are included.

APPENDIX D

CARMONA RESOURCES



Legend

- 0.50 Mile Radius
- 0.81 Miles
- NMSEO Water Well
- Seldom Seen 15 Federal 1H (10.05.2025)



High Karst

CIMAREX ENERGY CO. OF COLORADO

Legend

- High
- Seldom Seen 15 Federal 1H (10.05.2025)

Seldom Seen 15 Federal 1H (10.05.2025)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
C 01368		C	ED		NW	NW	22	25S	26E	567261.0	3554059.0 *		1311	143	118	25
C 03569 POD1		CUB	ED	NE	NW	NW	14	25S	26E	568861.7	3555746.9		1349	30	0	30
C 03655 POD3		CUB	ED	NW	SE	SE	22	25S	26E	568458.2	3553019.0		1424			
C 04329 POD1		C	ED	NE	NE	NE	27	25S	26E	568576.6	3552567.2		1876	57	14	43
C 03654 POD1		CUB	ED	NE	SW	NW	24	25S	26E	570654.5	3553773.1		2241			
C 02220		CUB	ED	SW	NW	NE	26	25S	26E	569598.0	3552352.0 *		2354	35		
C 02675		C	ED	NW	SE	NW	09	25S	26E	565907.0	3556978.0 *		3637	180	45	135
C 02221		CUB	ED	SE	SW	NE	25	25S	26E	571412.0	3551961.0 *		3814	35		

Average Depth to Water: 44 feet

Minimum Depth: 0 feet

Maximum Depth: 118 feet

Record Count: 8

UTM Filters (in meters):

Easting: 568514.80

Northing: 3554442.27

Radius: 4000

* UTM location was derived from PLSS - see Help

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

Form WR-23

STATE ENGINEER OFFICE

198455
463162

SANTA FE

WELL RECORD

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

Section 1

(A) Owner of well J. W. Miller
Street and Number Pine Springs route
City Carlsbad State N.M.
Well was drilled under Permit No. C-1368 and is located in the
NW 1/4 NW 1/4 1/4 of Section 22 Twp. 25S Rge. 26E
(B) Drilling Contractor A. F. Smith License No. 28
Street and Number Box 1202
City Artesia State N.M.
Drilling was commenced June 15 19 67
Drilling was completed June 19 19 67

(Plat of 640 acres)

Elevation at top of casing in feet above sea level _____ Total depth of well 1431
State whether well is shallow or artesian Stockwell Depth to water upon completion 118'

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1	118'	120'	2'	broken rock
2				
3				
4				
5				

Section 3

RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth		Feet	Type Shoe	Perforations	
			Top	Bottom			From	To
7"	18	10			143	none	113'	143'

Section 4

RECORD OF MUDDING AND CEMENTING

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

Section 5

PLUGGING RECORD

Name of Plugging Contractor _____ License No. _____
Street and Number _____ City _____ State _____
Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____
Plugging method used _____ Date Plugged _____ 19 _____
Plugging approved by: _____ Cement Plugs were placed as follows:

Basin Supervisor _____

FOR USE OF STATE ENGINEER ONLY

Date Received 82 18 MAR 1 - 9 11 AM 1967

File No. C-1368 Use Stock Location No. 25-26-22-110

No.	Depth of Plug		No. of Sacks Used
	From	To	

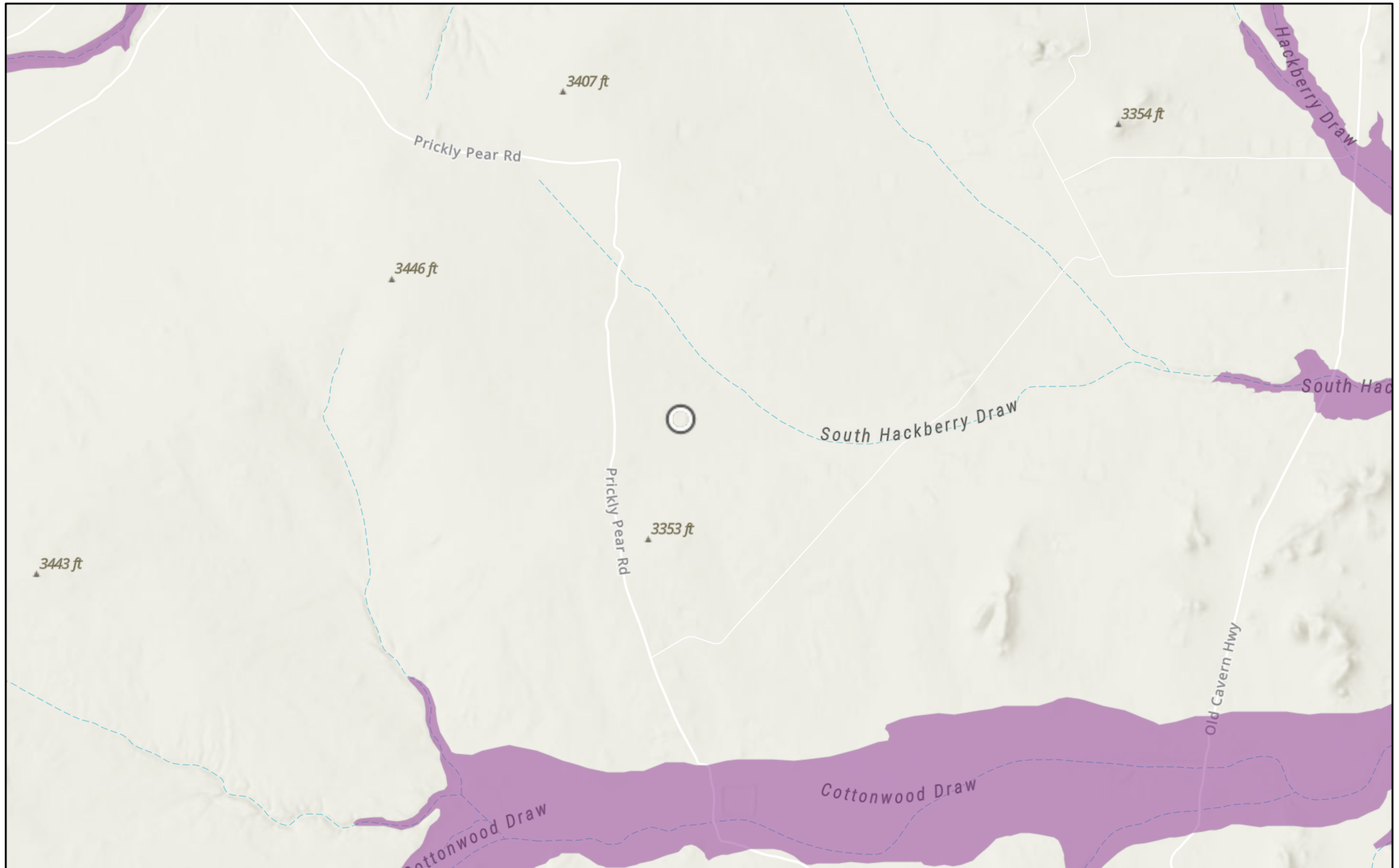
1967 AUG - 4 AM 10:26
STATE ENGINEER OFFICE
SANTA FE, N.M.

LOG OF WELL

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

Well Driller

Seldom Seen 15 Federal 1H (10.05.2025)

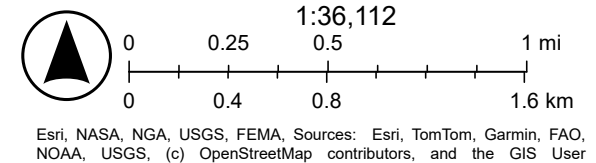


10/13/2025

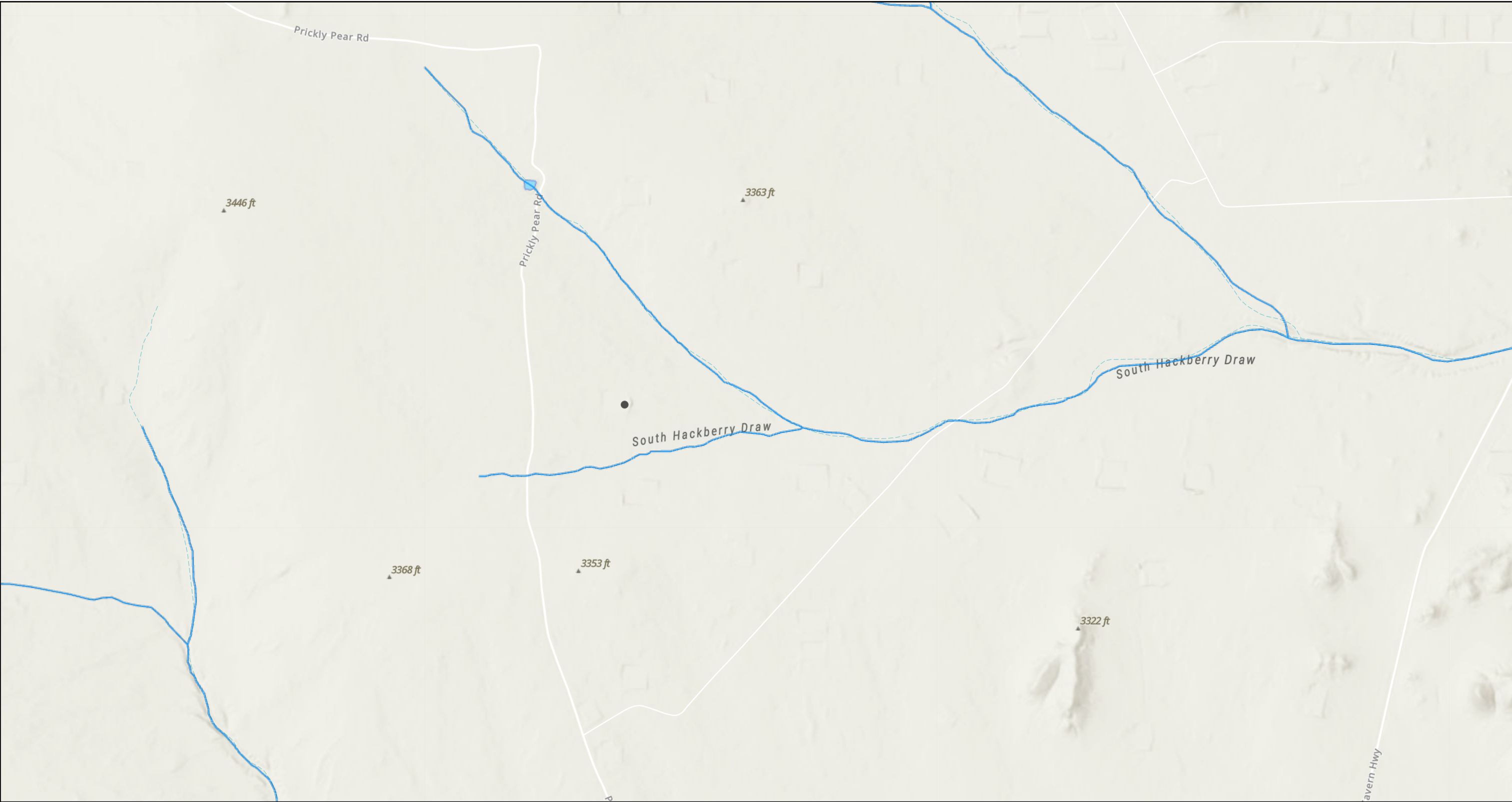
USA Flood Hazard Areas

1% Annual Chance Flood Hazard

World_Hillshade

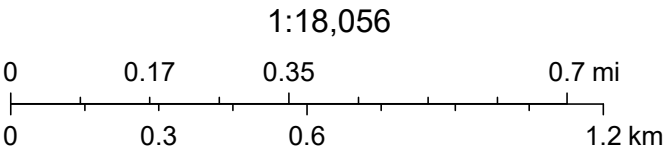


Seldom Seen 15 Federal 1H (10.05.2025)



10/13/2025, 10:35:49 AM

- OSW Water Bodys
- OSE Streams



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

APPENDIX E

CARMONA RESOURCES





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

October 14, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SELDOM SEEN 15 FEDERAL 1H

Enclosed are the results of analyses for samples received by the laboratory on 10/13/25 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (1.5') (H256404-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/13/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/13/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/13/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	200	100	200	7.83	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (1.5') (H256404-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/13/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/13/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/13/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	200	100	200	7.83	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.1 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (1.5') (H256404-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51	
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	200	100	200	7.83	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 76.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.7 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (1.5') (H256404-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	200	100	200	7.83	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (1.5') (H256404-05)

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	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	200	100	200	7.83	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 83.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (1.5') (H256404-06)

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	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.8 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (1.5') (H256404-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	36.8	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	15.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 89.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.8 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (1.5') (H256404-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	31.8	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	15.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 88.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.2 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (1.5') (H256404-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51	
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	38.1	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	16.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.1 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (1.5') (H256404-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEx	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.2 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (1.5') (H256404-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.7 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (1.5') (H256404-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 82.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.5 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (1.5') (H256404-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 93.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.3 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (1.5') (H256404-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (1.5') (H256404-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEx	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane 91.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.6 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (1.5') (H256404-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51	
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.8 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (1.5') (H256404-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 84.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.2 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (1.5') (H256404-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.1 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (1.5') (H256404-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.6 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (1.5') (H256404-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.98	98.9	2.00	8.51		
Toluene*	<0.050	0.050	10/14/2025	ND	2.09	105	2.00	8.39		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.16	108	2.00	8.67		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.41	107	6.00	8.20		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.5 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (1.5') (H256404-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2025	ND	1.82	91.0	2.00	8.02	
Toluene*	<0.050	0.050	10/13/2025	ND	1.86	93.2	2.00	5.11	
Ethylbenzene*	<0.050	0.050	10/13/2025	ND	1.86	92.9	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2025	ND	5.80	96.7	6.00	2.89	
Total BTEX	<0.300	0.300	10/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.6 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (1.5') (H256404-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2025	ND	1.82	91.0	2.00	8.02	
Toluene*	<0.050	0.050	10/13/2025	ND	1.86	93.2	2.00	5.11	
Ethylbenzene*	<0.050	0.050	10/13/2025	ND	1.86	92.9	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2025	ND	5.80	96.7	6.00	2.89	
Total BTEX	<0.300	0.300	10/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 81.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.3 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (1.5') (H256404-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2025	ND	1.82	91.0	2.00	8.02	
Toluene*	<0.050	0.050	10/13/2025	ND	1.86	93.2	2.00	5.11	
Ethylbenzene*	<0.050	0.050	10/13/2025	ND	1.86	92.9	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2025	ND	5.80	96.7	6.00	2.89	
Total BTEX	<0.300	0.300	10/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 88.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (1.5') (H256404-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/13/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/13/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 84.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.4 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (1.5') (H256404-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/13/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/13/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	198	98.8	200	0.624	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	197	98.3	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 17 (1.5') (H256404-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 72.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.3 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 18 (1.5') (H256404-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 81.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.8 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19 (1.5') (H256404-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 80.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.4 % 39.9-141

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Analytical Results For:

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

Received: 10/13/2025
 Reported: 10/14/2025
 Project Name: SELDOM SEEN 15 FEDERAL 1H
 Project Number: 3033
 Project Location: CIMAREX-EDDY CO NM

Sampling Date: 10/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 20 (1.5') (H256404-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	10/14/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 79.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 11-01444

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Camrona Resources	Company Name:	Cinatrex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@cinatrex.com & ThielkeA@camronaresources.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ JRC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	Deliverables: EDD ☐ ADAPT ☐ Other: ☐

Project Name:	Seldom Seen 15 Federal 1H		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	3033		☐ Routine	☒ Rush		Due Date: 24 Hr TAT													None: NO	DI Water: H ₂ O	
Project Location	Eddy Co. NM														Cool: Cool	MeOH: Me					
Sampler's Name:	KR														HCL: HC	HNO ₃ : HN					
PO #:															SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐	Thermometer ID:	#140
Received Inact:	Yes ☒ No ☐		Cooler Custody Seals:		Yes ☒ No ☐	Correction Factor:		10.32	Sample Custody Seals:		Yes ☒ No ☐	Temperature Reading:		4.81	Total Contaminants:		Corrected Temperature:	4.51			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
CS-1 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
CS-2 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
CS-3 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
CS-4 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
CS-5 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
CS-6 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
CS-7 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
CS-8 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
CS-9 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-1 (1.5)		10/13/2025		X		C	1	X	X	X	X	X	X	X	X	X	X	X			

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Kevin Dager

10-13-25 1555

Janet Dager

Chain of Custody

Work Order No: HAS0441

Project Manager:	Ashlon Thielke	Bill to: (if different)	Laci Luing
Company Name:	Carmona Resources	Company Name:	Cintra Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luing@cintra.com & ThielkeA@carmonaresources.com

Page <u>2</u> of <u>2</u>	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ JRC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	Deliverables: EDD ☐ ADAPT ☐ Other: ☐

Project Name:	Seldom Seen 15 Federal 1H		☐ Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	3033		☐ Routine ☒ Rush																None: NO DI Water: H ₂ O					
Project Location:	Eddy Co. NM		Due Date:	24 Hr TAT														Cool: Cool MeOH: Me						
Sampler's Name:	KR																		HCL: HC HNO ₃ : HN					
PO #:																			H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT			Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters												H ₃ PO ₄ : HP					
Received Inact:	Yes ☒ No ☐	Thermometer ID:													NaHSO ₄ : NABIS									
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃									
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:													Zn Acetate+NaOH: Zn									
Total Containers:	Yes ☒ No ☐	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC									
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
SW-2 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-3 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-4 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-5 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-6 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-7 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-8 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-9 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-10 (1.5')			10/13/2025		X		C	1	X	X	X													
SW-11 (1.5')			10/13/2025		X		C	1	X	X	X													

Comments:

Relinquished by: (Signature)

Laci Luing

Date/Time

10-13-25 1555

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: HAS100404

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Lugo
Company Name:	Carmona Resources	Company Name:	Cinatrex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.lugo@cinatrex.com & ThielkeA@carmonaresources.com

Work Order Comments Program: UST/PT ☐ PRP ☐ Rowfields ☐ JRC ☐ perfund ☐ State of Project: ☐ Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other: ☐	
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Project Name:		Seldom Seen 15 Federal 1H		Turn Around				ANALYSIS REQUEST												Preservative Codes									
Project Number:		3033		☐ Routine ☒ Rush																None: NO DI Water: H2O									
Project Location		Eddy Co. NM		Due Date:		24 Hr TAT														Cool: Cool MeOH: Me									
Sampler's Name:		KR																		HCL: HC HNO3: HN									
PO #:																				H2SO4: H2 NaOH: Na									
SAMPLE RECEIPT				Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☒ No ☐		Parameters												H3PO4: HP					
Received Inact:		Yes ☒ No ☐		Thermometer ID:								BTEx 8021B												NaHSO4: NABIS					
Cooler Custody Seals:		Yes ☒ No ☐ N/A		Correction Factor:								TPH 8015M (GRO + DRO + MRO)												Na2S2O5: NaSO3					
Sample Custody Seals:		Yes ☒ No ☐ N/A		Temperature Reading:								Chloride 4500												Zn Acetate+NaOH: Zn					
Total Containers:				Corrected Temperature:																				NaOH+Ascorbic Acid: SAFC					
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont		Hold												Sample Comments	
SW-12 (1.5)				10/13/2025				X				C		1		X													
SW-13 (1.5)				10/13/2025				X				C		1		X													
SW-14 (1.5)				10/13/2025				X				C		1		X													
SW-15 (1.5)				10/13/2025				X				C		1		X													
SW-16 (1.5)				10/13/2025				X				C		1		X													
SW-17 (1.5)				10/13/2025				X				C		1		X													
SW-18 (1.5)				10/13/2025				X				C		1		X													
SW-19 (1.5)				10/13/2025				X				C		1		X													
SW-20 (1.5)				10/13/2025				X				C		1		X													
								X				C		1		X													

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	10-13-25 1555	<i>[Signature]</i>	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/29/2025 9:22:40 AM

JOB DESCRIPTION

Seldom Seen 15 Federal 1H
Eddy Co, NM

JOB NUMBER

880-64265-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/29/2025 9:22:40 AM

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

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Laboratory Job ID: 880-64265-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1

Job ID: 880-64265-1

Eurofins Midland

Job Narrative 880-64265-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 10/28/2025 9:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°C.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-122088 and analytical batch 880-122251 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-122088/2-A), (LCSD 880-122088/3-A), (890-8980-A-19-E), (890-8980-A-19-F MS) and (890-8980-A-19-G MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Client Sample ID: Fred Beard Backfill

Lab Sample ID: 880-64265-1

Date Collected: 10/24/25 00:00

Matrix: Solid

Date Received: 10/28/25 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/28/25 11:03	10/28/25 17:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/28/25 11:03	10/28/25 17:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/28/25 11:03	10/28/25 17:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/28/25 11:03	10/28/25 17:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/28/25 11:03	10/28/25 17:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/28/25 11:03	10/28/25 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/28/25 11:03	10/28/25 17:43	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/28/25 11:03	10/28/25 17:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/28/25 17:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/28/25 17:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/27/25 12:35	10/28/25 17:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/27/25 12:35	10/28/25 17:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/27/25 12:35	10/28/25 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	10/27/25 12:35	10/28/25 17:17	1
o-Terphenyl (Surr)	128		70 - 130	10/27/25 12:35	10/28/25 17:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.9		10.1		mg/Kg			10/28/25 17:34	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-64265-1	Fred Beard Backfill	107	100
890-8976-A-1-C MS	Matrix Spike	107	104
890-8976-A-1-D MSD	Matrix Spike Duplicate	107	101
LCS 880-122192/1-A	Lab Control Sample	100	101
LCSD 880-122192/2-A	Lab Control Sample Dup	100	99
MB 880-122192/5-A	Method Blank	101	91
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-64265-1	Fred Beard Backfill	106	128
890-8980-A-19-F MS	Matrix Spike	132 S1+	142 S1+
890-8980-A-19-G MSD	Matrix Spike Duplicate	128	139 S1+
LCS 880-122088/2-A	Lab Control Sample	128	140 S1+
LCSD 880-122088/3-A	Lab Control Sample Dup	129	138 S1+
MB 880-122088/1-A	Method Blank	130	151 S1+
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-122192/5-A

Matrix: Solid

Analysis Batch: 122187

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 122192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/28/25 09:01	10/28/25 11:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/28/25 09:01	10/28/25 11:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/28/25 09:01	10/28/25 11:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/28/25 09:01	10/28/25 11:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/28/25 09:01	10/28/25 11:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/28/25 09:01	10/28/25 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/28/25 09:01	10/28/25 11:45	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/28/25 09:01	10/28/25 11:45	1

Lab Sample ID: LCS 880-122192/1-A

Matrix: Solid

Analysis Batch: 122187

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 122192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1053		mg/Kg		105	70 - 130
Toluene	0.100	0.09675		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09998		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2038		mg/Kg		102	70 - 130
o-Xylene	0.100	0.09885		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-122192/2-A

Matrix: Solid

Analysis Batch: 122187

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 122192

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1064		mg/Kg		106	70 - 130	1	35
Toluene	0.100	0.09775		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.1018		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2074		mg/Kg		104	70 - 130	2	35
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-8976-A-1-C MS

Matrix: Solid

Analysis Batch: 122187

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 122192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1066		mg/Kg		107	70 - 130
Toluene	<0.00200	U	0.100	0.09697		mg/Kg		97	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8976-A-1-C MS
Matrix: Solid
Analysis Batch: 122187

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 122192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1005		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2067		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.100	0.1003		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: 890-8976-A-1-D MSD
Matrix: Solid
Analysis Batch: 122187

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 122192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1029		mg/Kg		103	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.09436		mg/Kg		94	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09748		mg/Kg		97	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1989		mg/Kg		99	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09691		mg/Kg		97	70 - 130	3	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	107		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-122088/1-A
Matrix: Solid
Analysis Batch: 122251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122088

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/27/25 12:35	10/28/25 10:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/27/25 12:35	10/28/25 10:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/27/25 12:35	10/28/25 10:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane (Surr)	130		70 - 130						
o-Terphenyl (Surr)	151	S1+	70 - 130						

Lab Sample ID: LCS 880-122088/2-A
Matrix: Solid
Analysis Batch: 122251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1044		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1248		mg/Kg		125	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-122088/2-A

Matrix: Solid

Analysis Batch: 122251

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 122088

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	140	S1+	70 - 130

Lab Sample ID: LCSD 880-122088/3-A

Matrix: Solid

Analysis Batch: 122251

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 122088

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1052		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1219		mg/Kg		122	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	138	S1+	70 - 130

Lab Sample ID: 890-8980-A-19-F MS

Matrix: Solid

Analysis Batch: 122251

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 122088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	854.3		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	944.4		mg/Kg		94	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	142	S1+	70 - 130

Lab Sample ID: 890-8980-A-19-G MSD

Matrix: Solid

Analysis Batch: 122251

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 122088

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	841.8		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	928.0		mg/Kg		93	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	139	S1+	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-122286/1-A
Matrix: Solid
Analysis Batch: 122287

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/28/25 17:16	1

Lab Sample ID: LCS 880-122286/2-A
Matrix: Solid
Analysis Batch: 122287

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	228.1		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-122286/3-A
Matrix: Solid
Analysis Batch: 122287

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	226.1		mg/Kg		90	90 - 110	1	20

Lab Sample ID: 880-64265-1 MS
Matrix: Solid
Analysis Batch: 122287

Client Sample ID: Fred Beard Backfill
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	67.9		253	318.7		mg/Kg		99	90 - 110

Lab Sample ID: 880-64265-1 MSD
Matrix: Solid
Analysis Batch: 122287

Client Sample ID: Fred Beard Backfill
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	67.9		253	317.7		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 122187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1	Fred Beard Backfill	Total/NA	Solid	8021B	122192
MB 880-122192/5-A	Method Blank	Total/NA	Solid	8021B	122192
LCS 880-122192/1-A	Lab Control Sample	Total/NA	Solid	8021B	122192
LCSD 880-122192/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	122192
890-8976-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	122192
890-8976-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	122192

Prep Batch: 122192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1	Fred Beard Backfill	Total/NA	Solid	5035	
MB 880-122192/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-122192/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-122192/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8976-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-8976-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 122317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1	Fred Beard Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 122088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1	Fred Beard Backfill	Total/NA	Solid	8015NM Prep	
MB 880-122088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-122088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-122088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8980-A-19-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8980-A-19-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 122251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1	Fred Beard Backfill	Total/NA	Solid	8015B NM	122088
MB 880-122088/1-A	Method Blank	Total/NA	Solid	8015B NM	122088
LCS 880-122088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	122088
LCSD 880-122088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	122088
890-8980-A-19-F MS	Matrix Spike	Total/NA	Solid	8015B NM	122088
890-8980-A-19-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	122088

Analysis Batch: 122308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1	Fred Beard Backfill	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 122286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1	Fred Beard Backfill	Soluble	Solid	DI Leach	
MB 880-122286/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-122286/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-122286/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 122286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1 MS	Fred Beard Backfill	Soluble	Solid	DI Leach	
880-64265-1 MSD	Fred Beard Backfill	Soluble	Solid	DI Leach	

Analysis Batch: 122287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64265-1	Fred Beard Backfill	Soluble	Solid	300.0	122286
MB 880-122286/1-A	Method Blank	Soluble	Solid	300.0	122286
LCS 880-122286/2-A	Lab Control Sample	Soluble	Solid	300.0	122286
LCSD 880-122286/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	122286
880-64265-1 MS	Fred Beard Backfill	Soluble	Solid	300.0	122286
880-64265-1 MSD	Fred Beard Backfill	Soluble	Solid	300.0	122286

Lab Chronicle

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Client Sample ID: Fred Beard Backfill
Date Collected: 10/24/25 00:00
Date Received: 10/28/25 09:00

Lab Sample ID: 880-64265-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	122192	10/28/25 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	122187	10/28/25 17:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			122317	10/28/25 17:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			122308	10/28/25 17:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	122088	10/27/25 12:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	122251	10/28/25 17:17	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	122286	10/28/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1			122287	10/28/25 17:34	CS	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Seldom Seen 15 Federal 1H

Job ID: 880-64265-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-64265-1	Fred Beard Backfill	Solid	10/24/25 00:00	10/28/25 09:00	Texas

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody



880-64265 Chain of Custody

Page 1 of 1

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Ironfields ☐ RC ☐ perfund ☐

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

Deliverables: EDD ☐ ADaPT ☐ Other: _____

[illegible]

Comments:	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
				10/25/25 0900

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-64265-1

SDG Number: Eddy Co, NM

Login Number: 64265

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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

QUESTIONS

Action 524190

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 524190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2527954025
Incident Name	NAPP2527954025 SELDOM SEEN 15 FEDERAL 1H @ 30-015-37714
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-37714] SELDOM SEEN 15 FEDERAL #001H

Location of Release Source

Please answer all the questions in this group.

Site Name	SELDOM SEEN 15 FEDERAL 1H
Date Release Discovered	10/05/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Valve Produced Water Released: 10 BBL Recovered: 5 BBL Lost: 5 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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QUESTIONS, Page 2

Action 524190

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 524190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 11/07/2025
--	--

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QUESTIONS, Page 3

Action 524190

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID:
	162683
	Action Number:
	524190
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (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 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	Critical
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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	54.1
GRO+DRO (EPA SW-846 Method 8015M)	38.1
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	10/06/2025
On what date will (or did) the final sampling or liner inspection occur	10/22/2025
On what date will (or was) the remediation complete(d)	10/30/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1356
What is the estimated volume (in cubic yards) that will be remediated	75
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 524190

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 524190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 11/07/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 524190

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 524190
	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 524190

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 524190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	513089
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/13/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	350

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1356
What was the total volume (cubic yards) remediated	75
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)	All impacted gravel inside the gravel lined containment was removed for an inspection to take place. All impacted soils outside of the containment was removed via hydro-excavation due to the close proximity to buried and surface flowlines. All impact was removed with no safety incidents. All confirmation floor and sidewall samples returned from the lab with acceptable concentrations.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 11/07/2025

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Action 524190

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 524190
	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 524190

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 524190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/7/2025