



SITE INFORMATION

**Closure Report
Ovation CTB
Incident ID: nAPP2333157003
Eddy County, New Mexico
Unit A Sec 14 T23S R28E
32.30853°, -104.05183°**

**Crude Oil Release
Point of Release: Flowline Rupture
Release Date: 11/14/23
Volume Released: 21.6 Barrels of Crude Oil
Volume Recovered: 19 Barrels of Crude Oil**

CARMONA RESOURCES



**Prepared for:
Permian Resources
300 N. Marienfeld St. Suite 1000
Midland, TX 79701**

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 CONFIRMATION SAMPLING

6.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3-3A	SAMPLE LOCATION	FIGURE 4	EXCAVATION

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	INITIAL AND FINAL C-141
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORT



January 29, 2024

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

**Re: Closure Report
Ovation CTB
Permian Resources
Incident #: nAPP2333157003
Site Location: Unit A Sec 14 T23S R28E
(Lat 32.30853°, Long -104.05183°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Permian Resources Inc., Carmona Resources, LLC has prepared this letter to document site activities for the Ovation CTB. The site is located at 32.30853°, -104.05183° within Unit A Sec 14 T23S R28E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 14, 2023, caused by a flowline rupture. It released approximately twenty-one point six (21.6) barrels of crude oil, with nineteen (19) barrels of crude oil recovered. The impacted area occurred on the pad, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are three known water sources within a 0.50-mile radius of the location. The Pecos River is a continuous water way located 560 feet southwest of the site. The nearest identified well is approximately 0.08 miles southeast of the site in S14, T23S, R28E and was drilled in 2018. The well has a reported depth to groundwater of 37.50 feet below the ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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



4.0 Site Assessment Activities

On January 17, 2024, Carmona Resources, LLC conducted on-site assessment activities to evaluate soil impacts stemming from the release. The area of concern had previously been excavated approximately 2'-3' in various areas by a third party. Refer to Figure 3 for the initial excavation with sample points. During Carmona Resources' initial assessment, the excavation was delineated vertically and horizontally for chlorides and TPH through using an Exstik II EC400 meter, a LaMotte Chloride kit, and a PID meter. Once extents of delineation were established, Carmona Resources flagged off the horizontal extents and indicated the depth for additional excavation in each area. Refer to Figure 3A for the delineation map with sample point step outs.

5.0 Confirmation Sampling

On January 23, 2024, Carmona Resources personnel were on site to collect confirmation samples. A total of (37) confirmation floor samples (CS-1 through CS-37) and eighteen (18) sidewall samples (SW-1 through SW-18) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples met reclamation and regulatory requirements for TPH, BTEX, and chloride. Refer to Table 1.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade, and all contaminated material was transported off-site for proper disposal.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

Mike Carmona
Environmental Manager

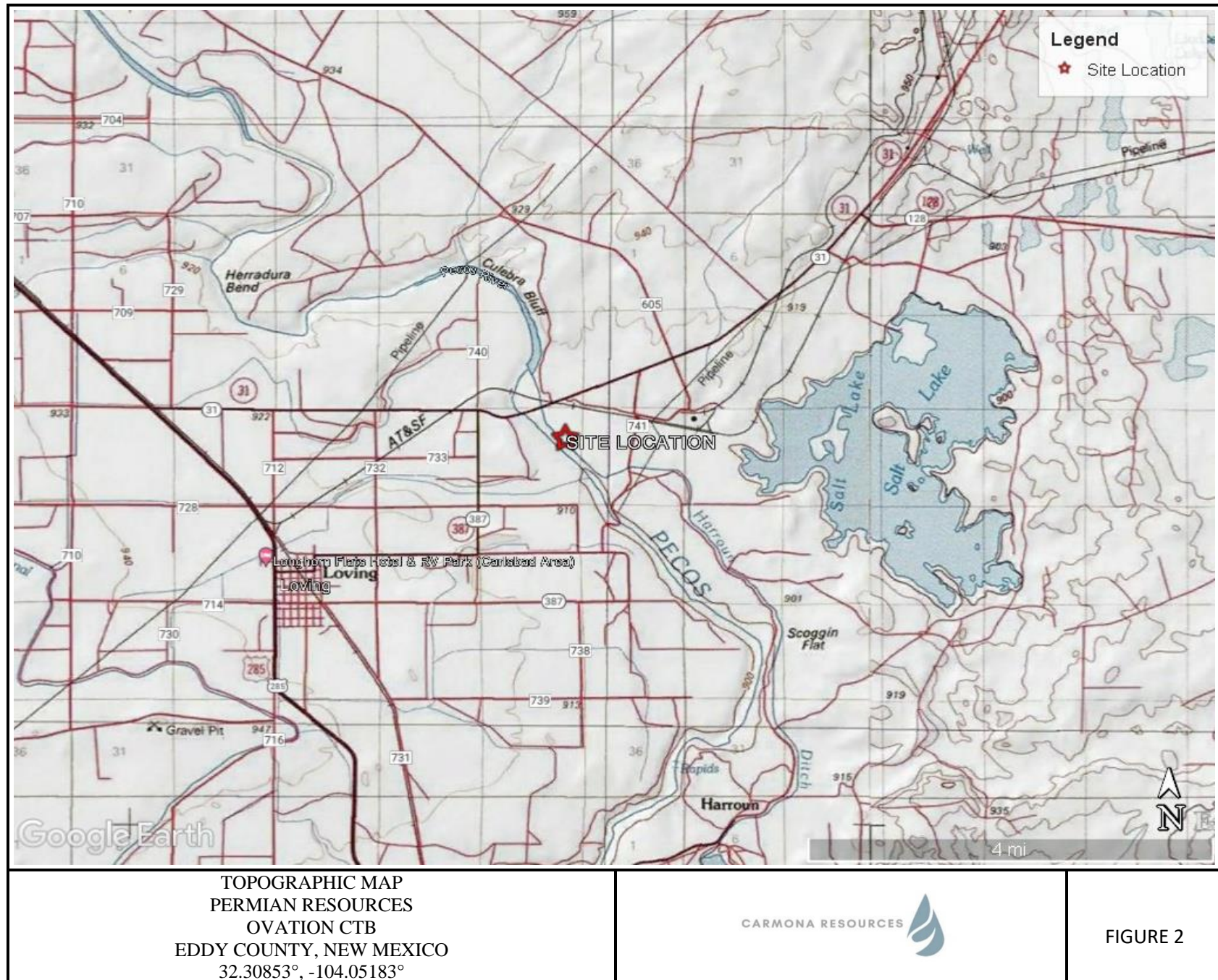
Devin Dominguez
Sr. Project Manager

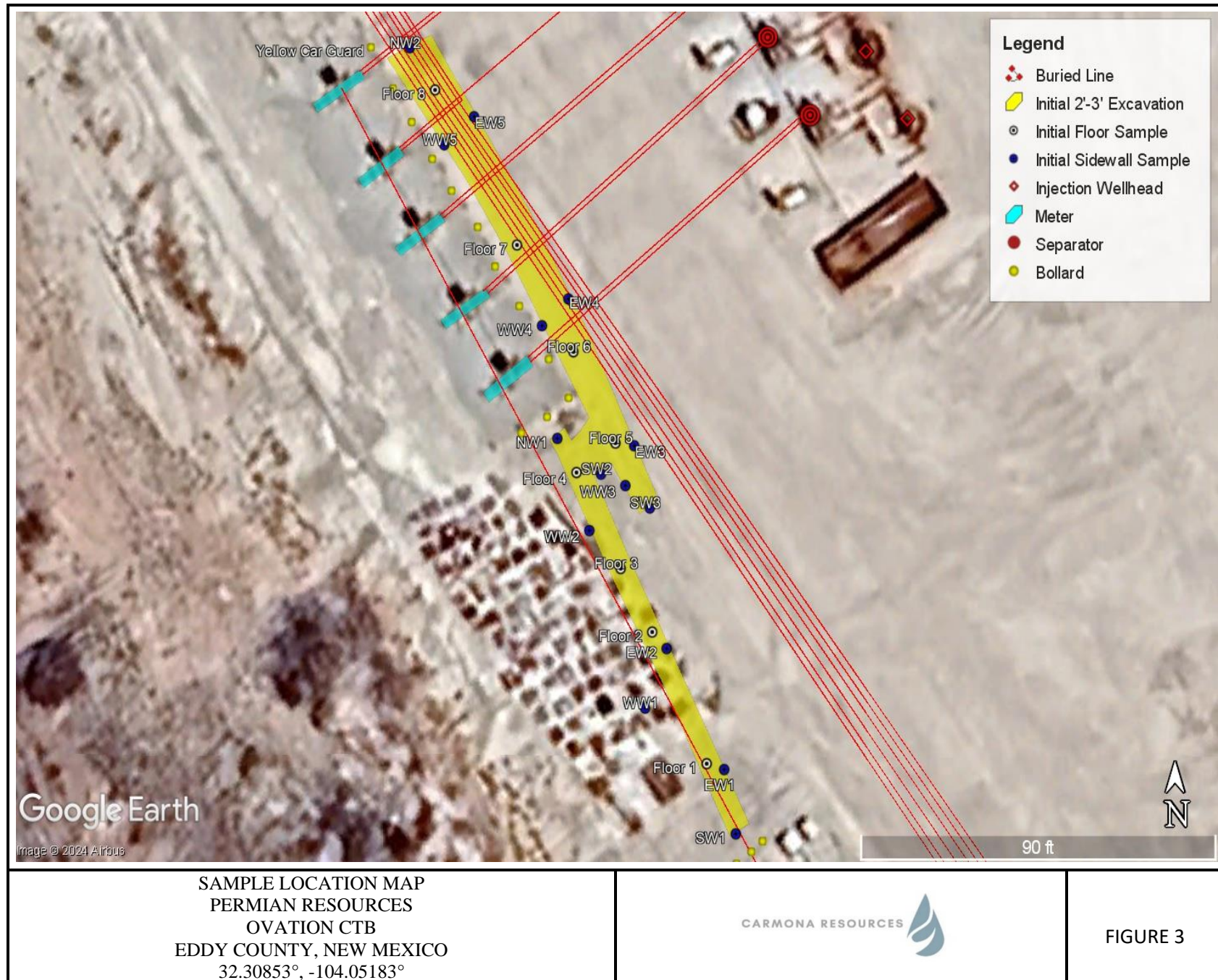
FIGURES

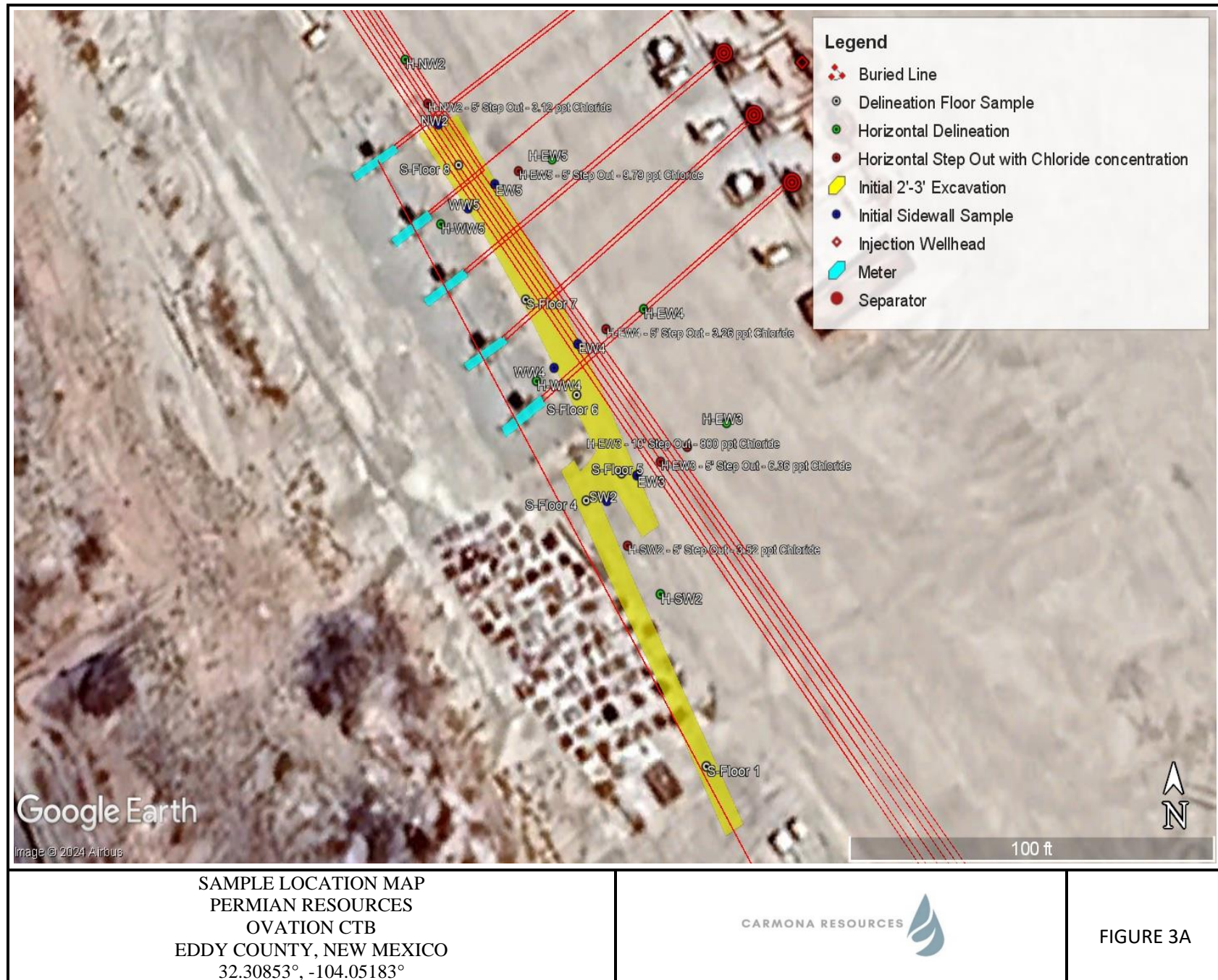
CARMONA RESOURCES

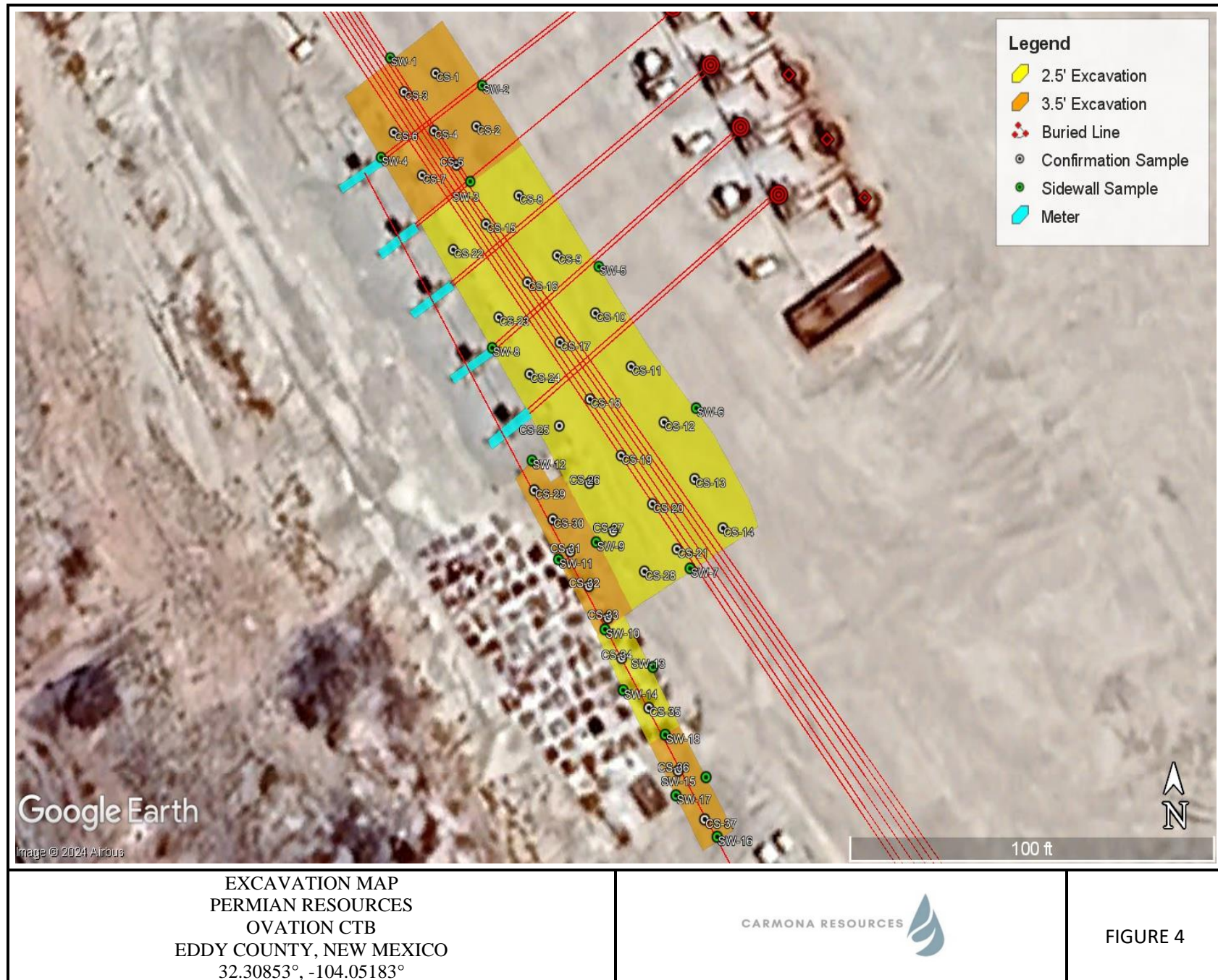












APPENDIX A

CARMONA RESOURCES



Table 1
Permian Resources
Ovation CTB
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	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-3	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-4	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-5	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-6	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-8	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-9	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-10	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-11	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-12	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-13	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-14	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-15	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
Permian Resources
Ovation CTB
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-16	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-17	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-18	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-19	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-20	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-21	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-22	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-23	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-24	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-25	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-26	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-27	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-28	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-29	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-30	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
Permian Resources
Ovation CTB
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-31	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-32	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-33	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-34	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-35	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-36	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-37	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
Permian Resources
Ovation CTB
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						
SW-1	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	1/23/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-6	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-7	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-8	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	1/23/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-10	1/23/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-11	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-12	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-13	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-14	1/23/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-15	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-16	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-17	1/23/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-18	1/23/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Permian Resources

Photograph No. 1

Facility: Ovation CTB

County: Eddy County, New Mexico

Description:

View Southeast, area of Floor 1 through Floor 3.



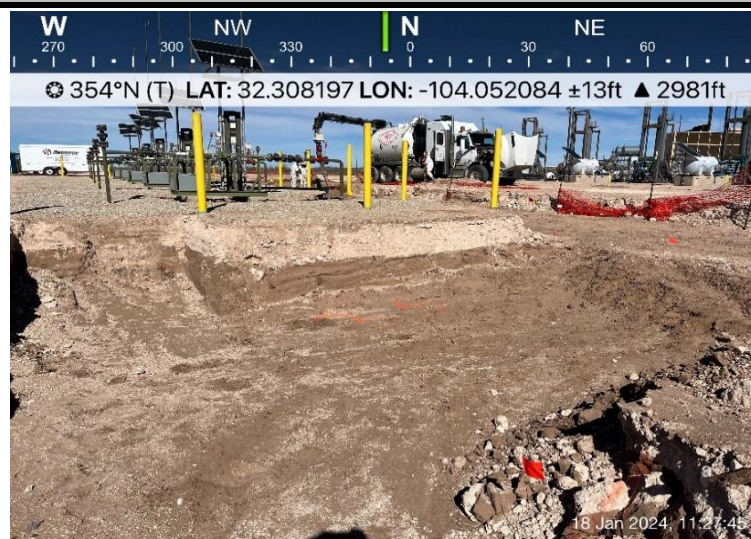
Photograph No. 2

Facility: Ovation CTB

County: Eddy County, New Mexico

Description:

View North, area of Floor 4 and Floor 5.



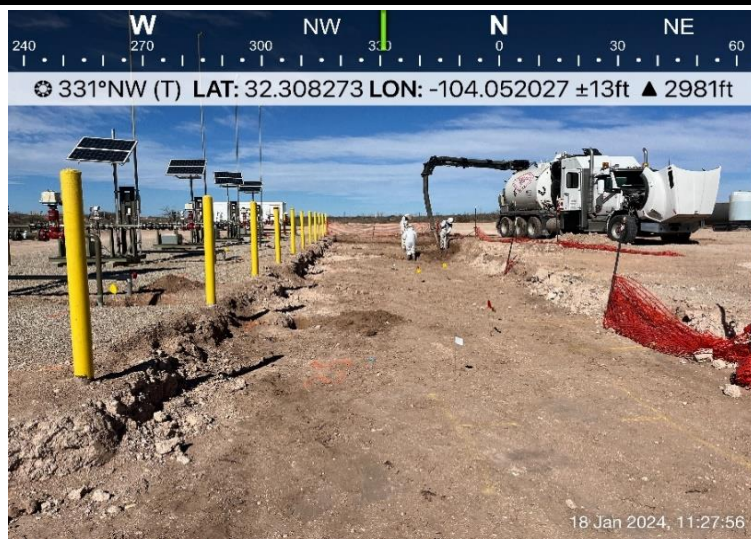
Photograph No. 3

Facility: Ovation CTB

County: Eddy County, New Mexico

Description:

View Northwest, area of Floor 6 through Floor 8.



PHOTOGRAPHIC LOG

Permian Resources

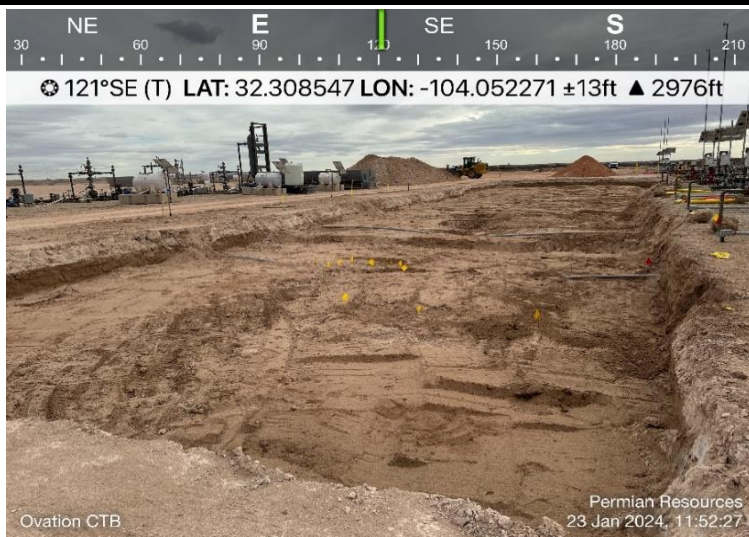
Photograph No. 4

Facility: Ovation CTB

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-1 through CS-25.



Photograph No. 5

Facility: Ovation CTB

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-12 through CS-33.



Photograph No. 6

Facility: Ovation CTB

County: Eddy County, New Mexico

Description:

View Northwest, area of CS-34 through CS-37



APPENDIX C

CARMONA RESOURCES



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

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

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

Incident ID	nAPP2333157003
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Permian Resources	OGRID
Contact Name: Montgomery Floyd	Contact Telephone
Contact email: montgomery.floyd@permianres.com	Incident # (assigned by OCD) nAPP2333157003
Contact mailing address: 300 N. Marienfeld St. Suite 10000	

Location of Release Source

Latitude 32.30853 Longitude -104.05183
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Ovation CTB	Site Type: Production Facility
Date Release Discovered: 11-14-2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	14	23S	28E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 21.6	Volume Recovered (bbls) 19
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Flowline rupture resulted in release of crude oil on the pad. Freestanding liquids were recovered, the area isolated, and remedial activities will be conducted in accordance with NMAC 19.15.29.

Form C-141

Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2333157003
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 	

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>MONTGOMERY FLOYD</u>	Title: <u>ENVIRONMENTAL</u>
Signature: <u>[Signature]</u>	Date: <u>11-27-23</u>
email: <u>montgomery.floyd@permianres.com</u>	Telephone: <u>432-425-8321</u>
OCD Only	
Received by: <u>Shelly Wells</u>	Date: <u>11/28/2023</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

Location of spill: _____

Date of Spill: _____

Site Soil Type: _____

Average Daily Production: _____

BBL Oil

BBL Water

Total Area Calculations						
Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	227 ft	X	20 ft	X	2 in	100%
Rectangle Area #2	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #3	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #4	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #5	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

Porosity 0.16 gal per gal

Saturated Soil Volume Calculations:

		H2O	OIL
Area #1	4540 sq. ft.	cu. ft.	757 cu. ft.
Area #2	0 sq. ft.	cu. ft.	cu. ft.
Area #3	0 sq. ft.	cu. ft.	cu. ft.
Area #4	0 sq. ft.	cu. ft.	cu. ft.
Area #5	0 sq. ft.	cu. ft.	cu. ft.
Area #6	0 sq. ft.	cu. ft.	cu. ft.
Area #7	0 sq. ft.	cu. ft.	cu. ft.
Area #8	0 sq. ft.	cu. ft.	cu. ft.
Total Solid/Liquid Volume:	4,540 sq. ft.	cu. ft.	757 cu. ft.

Estimated Volumes Spilled

	H2O	OIL
Liquid in Soil:	0.0 BBL	21.6 BBL
Liquid Recovered:	0.0 BBL	0.0 BBL
Spill Liquid	0.0 BBL	21.6 BBL
Total Spill Liquid:	21.6	

Recovered Volumes

Estimated oil recovered: 0.0 BBL
 Estimated water recovered: 0.0 BBL

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravely Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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

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

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

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

CONDITIONS

Action 288637

CONDITIONS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 288637
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/28/2023

APPENDIX D

CARMONA RESOURCES

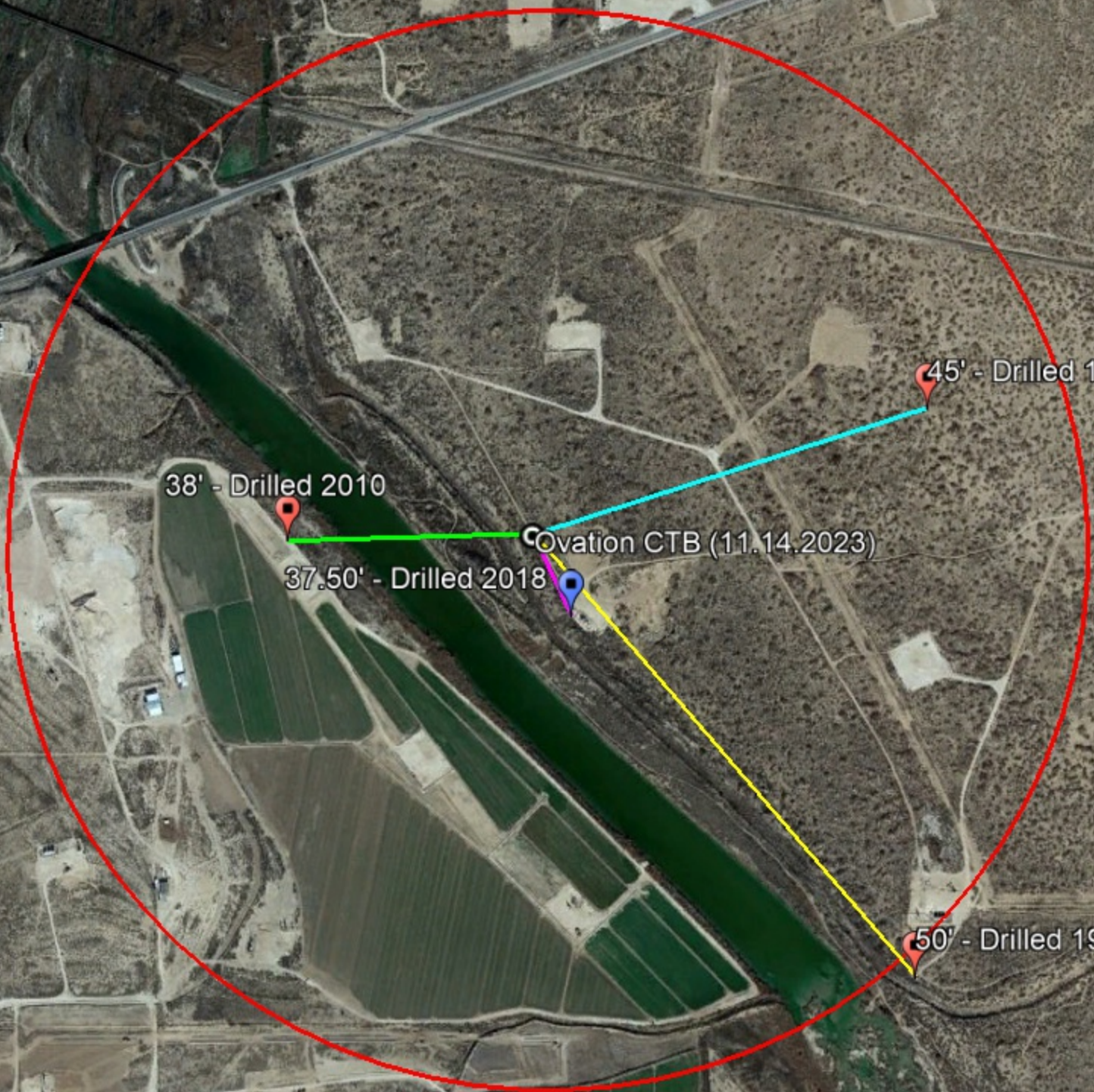


Nearest water well

Permian Resources

Legend



- 0.08 Miles
- 0.23 Miles
- 0.38 Miles
- 0.50 Mile Radius
- 0.53 Miles
- NMSEO Water Well
- Ovation CTB (11.14.2023)
- USGS Water Well



Medium Karst

Permian Resources

Legend

-  Medium
-  Ovation CTB (11.14.2023)

Ovation CTB (11.14.2023)


N


2000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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



























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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q Q Q						X	Y	Distance	Depth Well	Depth Water	Water Column	
				64	16	4	Sec	Tws	Rng							
C 03460 POD1	CUB	ED	3	1	2	14	23S	28E	588857	3575004		363	100	38	62	
C 01216	CUB	ED	4	1	1	13	23S	28E	589801	3575205*		609	60	45	15	
C 01217	CUB	ED	4	1	3	13	23S	28E	589789	3574371		860	87	50	37	
C 01214	CUB	ED	1	2	3	13	23S	28E	590010	3574597*		894	70	20	50	
C 03469 POD2	CUB	ED	3	4	3	11	23S	28E	588382	3575506		970	48			
C 03469 POD3	CUB	ED	3	4	3	11	23S	28E	588381	3575538		988	47			
C 03469 POD1	CUB	ED	3	4	3	11	23S	28E	588374	3575538		994	68	38	30	
C 04490 POD2	CUB	ED	2	3	3	13	23S	28E	589899	3574259		1017	23	19	4	
C 01967	C	ED		2	3	13	23S	28E	590111	3574498*		1030	264	200	64	
C 04584 POD2	CUB	ED	4	2	1	13	23S	28E	590250	3575123		1035	34	19	15	
C 01215	CUB	ED	4	2	3	13	23S	28E	590210	3574397*		1167	104	15	89	
C 00616	CUB	ED	1	3	1	14	23S	28E	587982	3574978*		1239	120	30	90	
C 02189	C	ED	1	1	3	14	23S	28E	587985	3574572*		1313	48	29	19	
C 01102	C	ED		1	2	23	23S	28E	588901	3573672*		1383	100	12	88	
C 00269	C	ED	4	4	2	15	23S	28E	587778	3574773*		1463	240	35	205	
C 00269 CLW199753	O	C	ED	4	4	2	15	23S	28E	587778	3574773*		1463	240	35	205
C 04451 POD1	C	ED	4	4	4	10	23S	28E	587833	3575521		1476	120	57	63	
C 02702	C	ED		2	13	23S	28E	590715	3575108*		1497	38	20	18		
C 00321	C	ED		4	2	15	23S	28E	587679	3574874*		1548	120			
C 02503	C	ED		4	2	15	23S	28E	587679	3574874*		1548	70	12	58	
C 00235	C	ED		2	2	15	23S	28E	587676	3575280*		1566	160			
C 04584 POD1	CUB	ED	3	1	4	12	23S	28E	590392	3576064		1570	63			
C 00154	CUB	ED	4	2	1	23	23S	28E	588595	3573566*		1580	196	38	158	
C 00315	CUB	ED	3	1	3	11	23S	28E	587973	3575995*		1584	100	45	55	
C 03965 POD5	CUB	ED	4	1	1	24	23S	28E	589864	3573534		1616	35	31	4	
C 04216 POD4	CUB	ED	2	4	1	11	23S	28E	588499	3576513		1660	20	10	10	

*UTM location was derived from PLSS - see Help

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00154 CLW194067	O	CUB	ED	3	2	1	23	23S	28E	588395	3573566*	1670	150	65	85
C 01108		C	ED	3	2	1	23	23S	28E	588395	3573566*	1670	60	35	25
C 04584 POD3		CUB	ED	3	2	2	13	23S	28E	590887	3575129	1670	31		
C 00128		C	ED	2	4	4	15	23S	28E	587783	3574162*	1673	149		
C 00109		CUB	ED	1	3	3	04	23S	27E	588486	3576531	1682	168	120	48
C 04216 POD1		CUB	ED	2	4	1	11	23S	28E	588488	3576534	1684	20	10	10
C 04216 POD3		CUB	ED	1	4	1	11	23S	28E	588501	3576556	1698	23	13	10
C 04216 POD2		CUB	ED	1	4	1	11	23S	28E	588465	3576555	1713	20	10	10
C 03965 POD4		CUB	ED		1	4	24	23S	28E	589918	3573381	1778	40	31	9
C 04556 POD1		CUB	ED	4	3	1	24	23S	28E	589720	3573237	1848	40	36	4
C 00608		C	ED	3	3	1	11	23S	28E	587970	3576401*	1864	200		
C 04556 POD2		CUB	ED	4	3	1	24	23S	28E	589891	3573239	1899	40	36	4
C 00512 EXPL	O	CUB	ED			1	11	23S	28E	588272	3576703*	1933	200	16	184
C 00500		CUB	ED	4	3	1	24	23S	28E	589811	3573176*	1933	130		
C 00868		CUB	ED	4	3	1	24	23S	28E	589811	3573176*	1933	190		

Average Depth to Water: **37 feet**

Minimum Depth: **10 feet**

Maximum Depth: **200 feet**

Record Count: 41

UTMNAD83 Radius Search (in meters):

Easting (X): 589220.63

Northing (Y): 3575017.67

Radius: 2000

*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.


1/17/24 7:40 AM

Page 2 of 2

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
				Groundwater	New Mexico	GO	

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Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321830104030301

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

USGS 321830104030301 23S.28E.14.241141

Eddy County, New Mexico
Latitude 32°18'26.4", Longitude 104°03'06.0" NAD83
Land-surface elevation 2,973 feet above NAVD88
The depth of the well is 80 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1954-09-07			D 62610		2943.64	NGVD29	1		Z	
1954-09-07			D 62611		2945.20	NAVD88	1		Z	
1954-09-07			D 72019	27.80			1		Z	
1978-01-03			D 62610		2923.88	NGVD29	1		Z	
1978-01-03			D 62611		2925.44	NAVD88	1		Z	
1978-01-03			D 72019	47.56			1		Z	
1983-01-26			D 62610		2956.51	NGVD29	1		Z	
1983-01-26			D 62611		2958.07	NAVD88	1		Z	
1983-01-26			D 72019	14.93			1		Z	
1987-10-14			D 62610		2956.98	NGVD29	1		Z	
1987-10-14			D 62611		2958.54	NAVD88	1		Z	
1987-10-14			D 72019	14.46			1		Z	
1993-02-02			D 62610		2957.41	NGVD29	1		S	
1993-02-02			D 62611		2958.97	NAVD88	1		S	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status
1993-02-02		D	72019	14.03		1	S
1995-07-19		D	62610	2956.95	NGVD29	1	S
1995-07-19		D	62611	2958.51	NAVD88	1	S
1995-07-19		D	72019	14.49		1	S
1996-01-25		D	62610	2955.98	NGVD29	1	S
1996-01-25		D	62611	2957.54	NAVD88	1	S
1996-01-25		D	72019	15.46		1	S
2003-01-28		D	62610	2954.58	NGVD29	1	S
2003-01-28		D	62611	2956.14	NAVD88	1	S
2003-01-28		D	72019	16.86		1	S
2018-02-01 22:43 UTC		m	62610	2933.94	NGVD29	8	V
2018-02-01 22:43 UTC		m	62611	2935.50	NAVD88	8	V
2018-02-01 22:43 UTC		m	72019	37.50		8	V

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	8	Foreign substance was present on the surface of the water
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)


Page Last Modified: 2024-01-17 09:56:57 EST

0.28 0.24 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
C	03460 POD1	3	1	2	14	23S	28E	588857	3575004		
<hr/>											
Driller License:		1682		Driller Company:			HUNGRY HORSE, LLC.				
Driller Name:		NORRIS, JOHN D. (LD)									
Drill Start Date:		10/08/2010		Drill Finish Date:			10/08/2010		Plug Date:		10/08/2010
Log File Date:		10/13/2010		PCW Rcv Date:					Source:		Shallow
Pump Type:					Pipe Discharge Size:					Estimated Yield:	
Casing Size:		0.00		Depth Well:			100 feet		Depth Water:		38 feet
<hr/>											
Water Bearing Stratifications:				Top		Bottom		Description			
				38		50		Sandstone/Gravel/Conglomerate			
<hr/>											

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
	C 01216	4	1	1	13	23S	28E	589801	3575205*		
<hr/>											
Driller License: 359		Driller Company:				BRADY, W.H. DRILLING CO.					
Driller Name:		W.H. BRADY									
Drill Start Date:		08/05/1964				Drill Finish Date:		08/06/1964		Plug Date:	
Log File Date:		09/15/1964				PCW Rcv Date:				Source: Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:					
Casing Size:		Depth Well:				60 feet		Depth Water:		45 feet	
<hr/>											
Water Bearing Stratifications:					Top	Bottom	Description				
					42	46	Sandstone/Gravel/Conglomerate				

*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.

1/17/24 7:53 AM

POINT OF DIVERSION SUMMARY




New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64 Q16 Q4 Sec TwS Rng	X	Y
C	01217	4 1 3 13 23S 28E	589789	3574371 

x

Driller License: 359 **Driller Company:** BRADY, W.H. DRILLING CO.

Driller Name: W.H. BRADY

Drill Start Date: 08/07/1964 **Drill Finish Date:** 08/11/1964 **Plug Date:**

Log File Date: 09/15/1964 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** 87 feet **Depth Water:** 50 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	55	69	Sandstone/Gravel/Conglomerate

x

Meter Number:	559	Meter Make:	MCCROMETER
Meter Serial Number:	9541736	Meter Multiplier:	1.0000
Number of Dials:	2	Meter Type:	Diversion
Unit of Measure:	Acre-Feet	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

x

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
12/29/1998	1999	136	A	ms		0
04/16/1999	1999	155	A	ms		18.685
06/30/1999	1999	175	A	ms		19.849
09/29/1999	1999	200	A	ms		25.349
01/04/2000	1999	226	A	ms		25.613
04/06/2000	2000	243	A	mb		16.558
07/01/2000	2000	256	A	mb		13.141
10/01/2000	2000	276	A	mb		20.241
10/19/2000	2000	279	A	mb		3.020
01/05/2001	2000	291	A	ms		12.423
04/15/2001	2001	306	A	RPT		14.682
05/09/2001	2001	312	A	ms		5.732
07/12/2001	2001	322	A	RPT		10.142
10/01/2001	2001	337	A	RPT		14.798
11/08/2001	2001	344	A	AM		6.906
01/01/2003	2002	355	A	ms		11.314
04/01/2003	2003	366	A	ms		11.314
04/01/2003	2003	369	A	ms		3.052
06/04/2003	2003	0	A	ms		0
06/04/2003	2003	7	A	ms		6.678
07/01/2003	2003	12	A	ms		5.246
08/20/2003	2003	22	A	ms		10.412

10/01/2003	2003	31	A	RPT	8.788
10/27/2003	2003	36	A	TW	4.600
01/02/2004	2003	49	A	ab	13.171
04/01/2004	2004	67	A	RPT	18.345
07/01/2004	2004	93	A	RPT	26.222
10/01/2004	2004	112	A	RPT	18.603
01/02/2005	2004	130	A	RPT	18.402
01/03/2005	2005	31	A	TW	0
01/29/2005	2005	35	A	TW	4.470
03/30/2005	2005	48	A	TW	13.120
07/06/2005	2005	70	A	TW	22.284
01/05/2006	2005	26	R	TW Meter Rollover	55.703
04/06/2006	2006	49	A	tw	22.428
07/06/2006	2006	71	A	tw	21.985
01/09/2007	2006	26	R	tw Meter Rollover	55.935
07/03/2007	2007	72	A	tw	45.278
10/11/2007	2007	96	A	tw	24.730
01/03/2008	2007	18	R	tw Meter Rollover	21.415
04/24/2008	2008	44	A	tw	25.874
07/17/2008	2008	70	A	tw	26.000
10/02/2008	2008	5	R	tw Meter Rollover	35.752
01/15/2009	2008	28	A	tw	22.762
04/22/2009	2009	50	A	tw	21.303
08/04/2009	2009	72	A	tw	22.625
01/06/2010	2009	6	R	tw Meter Rollover	33.717
06/02/2010	2010	37	A	tw	31.586
01/12/2011	2010	88	A	tw	50.274
01/23/2012	2011	74	R	tw Meter Rollover	86.316
03/12/2012	2012	85	A	tw	10.930
07/24/2012	2012	14	R	tw Meter Rollover	28.647
02/13/2013	2012	56	A	tw	42.801
01/24/2014	2013	26	R	tw Meter Rollover	69.298
07/22/2014	2014	69	A	tw	43.349
01/27/2015	2014	79	A	tw	10.138
03/11/2016	2015	5	R	tw Meter Rollover	26.221
08/09/2016	2016	80	A	tw	74.314
12/28/2016	2016	92	A	tw	11.929

**YTD Meter Amounts:	Year	Amount
	1999	89.496
	2000	65.383
	2001	52.260
	2002	11.314
	2003	63.261
	2004	81.572
	2005	95.577
	2006	100.348
	2007	91.423
	2008	110.388
	2009	77.645

2010	81.860
2011	86.316
2012	82.378
2013	69.298
2014	53.487
2015	26.221
2016	86.243

Meter Number:	1401	Meter Make:	MCCROMETER
Meter Serial Number:	17-09535	Meter Multiplier:	100.0000
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Gallons	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
04/06/2000	2000	20998	A	mb		0
07/11/2000	2000	23327	A	mb		2329.000
03/01/2019	2019	201196	A	RPT		0
10/31/2019	2019	255120	A	RPT		16.549

**YTD Meter Amounts:	Year	Amount
	2000	2329.000
	2019	16.549

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

1/17/24 7:54 AM

POINT OF DIVERSION SUMMARY

National Flood Hazard Layer FIRMette



104°3'25"W 32°18'46"N



Released to Imaging: 2/13/2025 2:15:47 PM

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



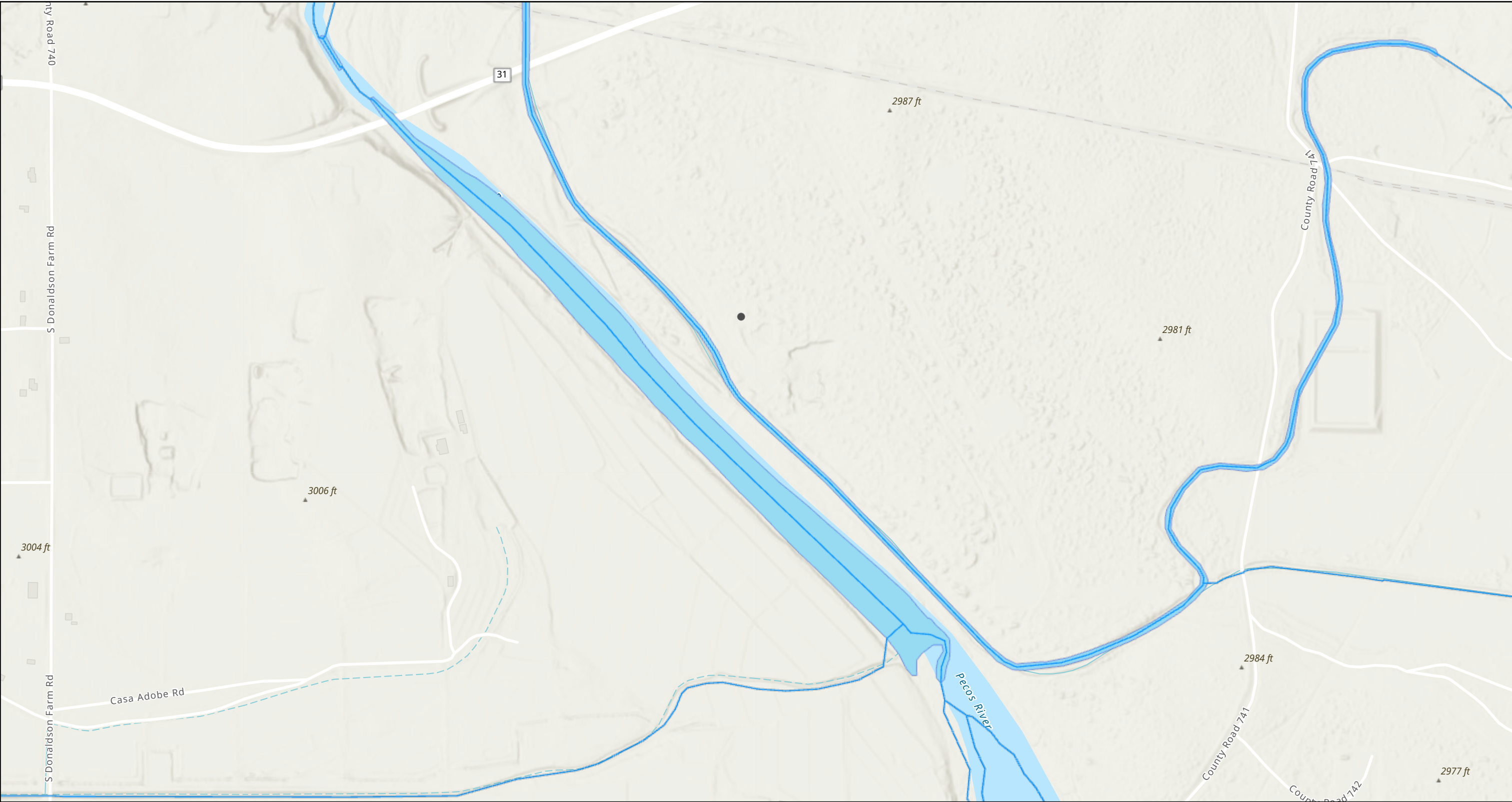
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/17/2024 at 9:38 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

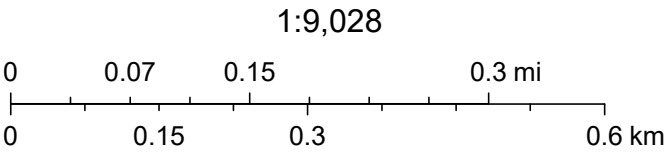
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Ovation CTB (11.14.2023)



1/17/2024, 8:34:51 AM

- OSW Water Bodys
- OSE Streams



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APPENDIX E

CARMONA RESOURCES





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

January 24, 2024

MIKE CARMONA

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: OVATION FED COM 1318 212H FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/23/24 14:41.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 1 (3.5') (H240294-01)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847	
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837	
Total BTEX	<0.300	0.300	01/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: CT				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 2 (3.5') (H240294-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 3 (3.5') (H240294-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847	
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837	
Total BTX	<0.300	0.300	01/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 4 (3.5') (H240294-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 5 (3.5') (H240294-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 6 (3.5') (H240294-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 7 (3.5') (H240294-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 8 (2.5') (H240294-08)

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	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEx	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 9 (2.5') (H240294-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 10 (2.5') (H240294-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 11 (2.5') (H240294-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 12 (2.5') (H240294-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 13 (2.5') (H240294-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 14 (2.5') (H240294-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 15 (2.5') (H240294-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 16 (2.5') (H240294-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 17 (2.5') (H240294-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 18 (2.5') (H240294-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 19 (2.5') (H240294-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847	
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837	
Total BTEX	<0.300	0.300	01/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 20 (2.5') (H240294-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.18	109	2.00	0.847		
Toluene*	<0.050	0.050	01/23/2024	ND	2.17	108	2.00	0.898		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.16	108	2.00	0.910		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	106	6.00	0.837		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	200	100	200	2.66	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	186	93.1	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 21 (2.5') (H240294-21)

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	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 22 (2.5') (H240294-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 23 (2.5') (H240294-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96		
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26		
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND						

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 24 (2.5') (H240294-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 25 (2.5') (H240294-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 26 (2.5') (H240294-26)

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	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 27 (2.5') (H240294-27)

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	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 28 (2.5') (H240294-28)

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	01/23/2024	ND	1.93	96.4	2.00	0.134	
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820	
Total BTEX	<0.300	0.300	01/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 29 (3.5') (H240294-29)

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	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 30 (3.5') (H240294-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 31 (3.5') (H240294-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 32 (3.5') (H240294-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 33 (3.5') (H240294-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 34 (2.5') (H240294-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 35 (2.5') (H240294-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 36 (3.5') (H240294-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/23/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/23/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: CS - 37 (3.5') (H240294-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 1 (3.5') (H240294-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	220	110	200	3.96		
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	229	115	200	4.26		
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND						

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 2 (3.5') (H240294-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 3 (1') (H240294-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	1.93	96.4	2.00	0.134		
Toluene*	<0.050	0.050	01/23/2024	ND	2.07	104	2.00	0.605		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.06	103	2.00	0.249		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.33	105	6.00	0.820		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	220	110	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	229	115	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 4 (3.5') (H240294-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 5 (2.5') (H240294-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 6 (2.5') (H240294-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEx	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 7 (2.5') (H240294-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 8 (2.5') (H240294-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 9 (1') (H240294-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	19.6		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.0 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 10 (1') (H240294-47)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	19.6		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 11 (3.5') (H240294-48)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37	
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650	
Total BTEx	<0.300	0.300	01/23/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	19.6		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 12 (3.5') (H240294-49)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	19.6	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 13 (2.5') (H240294-50)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	19.6		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 14 (2.5') (H240294-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37	
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650	
Total BTEX	<0.300	0.300	01/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/24/2024	ND	448	112	400	19.6	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 60.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 15 (3.5') (H240294-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37	
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650	
Total BTEx	<0.300	0.300	01/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	19.6		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.6 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 16 (3.5') (H240294-53)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37	
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650	
Total BTEx	<0.300	0.300	01/23/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2024	ND	448	112	400	19.6		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 17 (3.5') (H240294-54)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	19.6		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2024	Sampling Date:	01/23/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	OVATION FED COM 1318 212H FLOWLIN	Sampling Condition:	Cool & Intact
Project Number:	2243	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN RESOURCES - EDDY CO NM		

Sample ID: SW - 18 (1') (H240294-55)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2024	ND	2.20	110	2.00	1.37		
Toluene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.22	111	2.00	1.03		
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.71	112	6.00	0.650		
Total BTEX	<0.300	0.300	01/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/24/2024	ND	448	112	400	19.6		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	192	95.8	200	0.120	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	183	91.5	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

4240294

Page 1 of 6



Project Manager:	Mike Carmona	Bill to: (if different)	Montgomery Floyd
Company Name:	Carmona Resources	Company Name:	montgomery.floyd@permanes.com
Address:	310 W Wall St Ste 500	Address:	300 N Mainfield St Ste 1000
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-1992	Phone:	432-425-8321

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

Project Name:	Ovation Fed Com 1318 212H Flowline Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 HR
Project Number:	2243				
Project Location:	Eddy County, New Mexico				
Sampler's Name:	DD				
PO #:					
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		140	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:		3.32	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-1 (3.5)	1/23/2024		X		C	1	X	X	X	
CS-2 (3.5)	1/23/2024		X		C	1	X	X	X	
CS-3 (3.5)	1/23/2024		X		C	1	X	X	X	
CS-4 (3.5)	1/23/2024		X		C	1	X	X	X	
CS-5 (3.5)	1/23/2024		X		C	1	X	X	X	
CS-6 (3.5)	1/23/2024		X		C	1	X	X	X	
CS-7 (3.5)	1/23/2024		X		C	1	X	X	X	
CS-8 (2.5)	1/23/2024		X		C	1	X	X	X	
CS-9 (2.5)	1/23/2024		X		C	1	X	X	X	
CS-10 (2.5)	1/23/2024		X		C	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / CMoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1-23-24 1441		

Work Order No:

H24029

Page 59 of 63

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

[illegible]

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Work Order No:

4240294

Page 3 of 6

Work Order Comments

Program: UST/PST ☐ PRP ☐ Crownfields ☐ RC ☐ \$ ☐ perfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name:				Ovation Fed Com 1318 212H Flowline Release				Turn Around				ANALYSIS REQUEST				Preservative Codes			
Project Number:				2243				<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush								None: NO DI Water: H ₂ O			
Project Location				Eddy County, New Mexico				Due Date:				24 HR				Cool: Cool MeOH: Me			
Sampler's Name:				DD												HCL: HC HNO ₃ : HN			
PO #:																H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT				Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						H ₃ PO ₄ : HP			
Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:				140						NaHSO ₄ : NABIS			
Cooler Custody Seals:				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Correction Factor:										Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Temperature Reading:				33.2						Zn Acetate+NaOH: Zn			
Total Containers:						Corrected Temperature:										NaOH+Ascorbic Acid: SAPC			
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments			
CS-21 (2.5)				1/23/2024				X				C		1		X X X X			
CS-22 (2.5)				1/23/2024				X				C		1		X X X X			
CS-23 (2.5)				1/23/2024				X				C		1		X X X X			
CS-24 (2.5)				1/23/2024				X				C		1		X X X X			
CS-25 (2.5)				1/23/2024				X				C		1		X X X X			
CS-26 (2.5)				1/23/2024				X				C		1		X X X X			
CS-27 (2.5)				1/23/2024				X				C		1		X X X X			
CS-28 (2.5)				1/23/2024				X				C		1		X X X X			
CS-29 (3.5)				1/23/2024				X				C		1		X X X X			
CS-30 (3.5)				1/23/2024				X				C		1		X X X X			

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No:

HA40294

Page 4 of 6

Page 61 of 63



Project Manager:	Mike Carmona	Bill to: (if different)	Montgomery Floyd
Company Name:	Carmona Resources	Company Name:	montgomery.floyd@permanres.com
Address:	310 W Wall St Ste 500	Address:	300 N Marientfield St Ste 1000
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-1992	Phone:	432-425-8321

Program: <input type="checkbox"/> ST/PT <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Ovation Fed Com 1318 212H Flowline Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2243	Due Date:	24 HR												None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico														Cool: Cool	MeOH: Me	
Sampler's Name:	DD														HCL: HC	HNO ₃ : HN	
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments
CS-31 (3.5')	1/23/2024		X		C	1	X	X	X								
CS-32 (3.5')	1/23/2024		X		C	1	X	X	X								
CS-33 (3.5')	1/23/2024		X		C	1	X	X	X								
CS-34 (2.5')	1/23/2024		X		C	1	X	X	X								
CS-35 (2.5')	1/23/2024		X		C	1	X	X	X								
CS-36 (3.5')	1/23/2024		X		C	1	X	X	X								
CS-37 (3.5')	1/23/2024		X		C	1	X	X	X								
SW-1 (3.5')	1/23/2024		X		C	1	X	X	X								
SW-2 (3.5')	1/23/2024		X		C	1	X	X	X								
SW-3 (1')	1/23/2024		X		C	1	X	X	X								

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1-23-24 1418		

Chain of Custody

Work Order No:

10340294

Page 5 of 6



Project Manager:	Mike Carmona	Bill to: (if different)	Montgomery Floyd
Company Name:	Carmona Resources	Company Name:	montgomery.floyd@permianres.com
Address:	310 W Wall St Ste 500	Address:	300 N Marientfeld St Ste 1000
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-1992	Phone:	432-425-8321

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

Project Name:	Ovation Fed Com 1318 212H Flowline Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 HR	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	2243																None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me	
Sampler's Name:	DD																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:															Na ₂ S ₂ O ₅ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Temperature Reading:															Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST										Sample Comments
SW-4 (3.5')	1/23/2024		X		C	1	BTEX 8021B											
SW-5 (2.5')	1/23/2024		X		C	1	TPH 8015M (GRO + DRO + MRO)											
SW-6 (2.5')	1/23/2024		X		C	1	Chloride 4500											
SW-7 (2.5')	1/23/2024		X		C	1												
SW-8 (2.5')	1/23/2024		X		C	1												
SW-9 (1')	1/23/2024		X		C	1												
SW-10 (1')	1/23/2024		X		C	1												
SW-11 (3.5')	1/23/2024		X		C	1												
SW-12 (3.5')	1/23/2024		X		C	1												
SW-13 (2.5')	1/23/2024		X		C	1												

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Corner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1-23-24 1441		

Chain of Custody

Work Order No:

14240294



Page 6 of 6

Project Manager:	Mike Carmona	Bill to: (if different)	Montgomery Floyd
Company Name:	Carmona Resources	Company Name:	montgomery.floyd@permarcs.com
Address:	310 W Wall St Ste 500	Address:	300 N Marientfield St Ste 1000
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-1992	Phone:	432-425-8321

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> rowfields <input type="checkbox"/> RC <input type="checkbox"/> \$perfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

[illegible][illegible]

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1-23-24 1441		

Comments: Email to Mike Carmona / Mccarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

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Phone: (505) 476-3441

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

QUESTIONS

Action 429201

QUESTIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 429201
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333157003
Incident Name	NAPP2333157003 OVATION CTB @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2227647043] Ovation Pad O CTB

Location of Release Source

Please answer all the questions in this group.

Site Name	OVATION CTB
Date Release Discovered	11/14/2023
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Crude Oil Released: 22 BBL Recovered: 19 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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 429201

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 429201
	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	All immediate response actions have been conducted.

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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 02/06/2025
--	--

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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 429201

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:
	372165
	Action Number:
	429201
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	80
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes 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.

On what estimated date will the remediation commence	01/18/2024
On what date will (or did) the final sampling or liner inspection occur	01/23/2024
On what date will (or was) the remediation complete(d)	01/29/2024
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	7213
What is the estimated volume (in cubic yards) that will be remediated	755

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.

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

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1220 S. St Francis Dr.
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QUESTIONS, Page 4

Action 429201

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 429201
	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	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 02/06/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 429201

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 429201
	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

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 6

Action 429201

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 429201
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	429215
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/10/2025
What was the (estimated) number of samples that were to be gathered	37
What was the sampling surface area in square feet	7213

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	7213
What was the total volume (cubic yards) remediated	755
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)	Remediation has been completed at site.
<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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 02/06/2025

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QUESTIONS, Page 7

Action 429201

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 429201
	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 429201

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 429201
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2333157003 OVATION CTB, thank you. This Remediation Closure Report is approved.	2/13/2025