

Remediation Summary & Deferral Request

Mewbourne Oil Company Conoco Federal #1

Lea County, New Mexico
Unit Letter "J", Section 30, Township 20 South, Range 39 East
Latitude 32.541963° North, Longitude 103.082484° West
NMOCD Reference No. nAPP2503029092


Prepared By:

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February 16, 2026



Ben J. Arguijo



Lance Crenshaw



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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Deferral Request* for the release site known as the Conoco Federal #1 (Site). Details of the release are summarized below:

Location of Release Source				
Latitude: <u>32.541963°</u>		Longitude: <u>-103.082484°</u>		
Provided GPS are in WGS84 format.				
Site Name: <u>Conoco Federal #1</u>		Site Type: <u>Tank Battery</u>		
Date Release Discovered: <u>2/3/2025</u>		API # (if applicable): <u>N/A</u>		
Unit Letter	Section	Township	Range	County
"J"	30	20S	39E	Lea
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Private (Name <u>McCasland Ltd. Partnership Lea I</u>)				
Nature and Volume of Release				
<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)	22	Volume Recovered (bbls)	15
<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 checked="" type="checkbox"/> N/A		
<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		Volume/Weight Recovered	
Cause of Release: Tank failure resulting in release off pad outside of containment.				
Initial Response				
<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"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.				

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Permitting system.

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 51 and 75 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database Search
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	Between 1 and 5 (mi.)
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Between 1,000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1,000 (ft.) and ½ (mi.)
Any other fresh water well or spring?	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Between 1 and 5 (mi.)
A wetland?	Greater than 5 (mi.)
A subsurface mine?	Between 1 and 5 (mi.)
A (non-karst) unstable area?	Greater than 5 (mi.)
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 4.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the Closure Criteria and Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standards*‡
Between 51 and 75 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	10,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

** Environmental Protection Agency

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standards apply only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 REMEDIATION ACTIVITIES SUMMARY

On January 29, 2025, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the Closure Criteria and/or Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a Hach Quantab® chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The floor and sidewalls of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and/or Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the floor and sidewalls of the excavated area to be submitted for laboratory analysis.

On February 3, 2025, Etech collected 31 confirmation soil samples (FL 1 @ 3' through FL 25 @ 2', NW 1, NW 2, EW 1, SW 1, WW 1, and WW 2) from the floor and sidewalls of the excavated area. The soil samples were submitted to a certified, commercial laboratory ("the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples, with the exception of sample FL 3 @ 3', which exceeded the Closure Criterion for TPH. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample FL 3 @ 3'.

On February 4, 2025, Etech collected four (4) confirmation soil samples (FL 26 @ 1.5' through FL 29 @ 1.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples.

On February 5, 2025, Etech collected eight (8) confirmation soil samples (FL 30 @ 2' through FL 35 @ 2', NW 3, and EW 2) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples.

On February 10, 2025, Etech collected one (1) confirmation soil sample (FL 3 @ 4') from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards.

The final dimensions of the excavated area were approximately 15 to 124 feet in length, 4 to 60 feet in width, and 1.5 to 4 feet in depth. During the course of remediation activities, Etech transported approximately 780 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 780 cubic yards of locally sourced, non-impacted material to the Site for use as backfill.

On April 14, 2025, based on laboratory analytical results and field activities conducted to that point, a *Remediation Summary & Soil Closure Request* was submitted to the NMOCD requesting regulatory closure of the release. The closure request was subsequently denied on the basis that the release was attributed to a tank failure; therefore, either horizontal and vertical delineation around the tanks and submission of a deferral request, or tank removal and remediation beneath and surrounding the tanks, was required.

On January 12, 2026, in accordance with NMOCD requirements, Etech revisited the Site and advanced three (3) hand-augered soil borings (DEF 1, DEF 2, and DEF 3) within the containment area to further characterize the affected area adjacent to and beneath the tanks requiring deferral of remediation (Deferral Area). In addition, a series of hand-augered soil borings (NH 1, EH 1, SH 1, and WH 1) were advanced outside the containment area to further investigate the horizontal extent of impacted soil. During the advancement of the soil borings, soil samples were collected and field-screened utilizing olfactory/visual senses and/or a chloride test kit.

Based on field observations and field test data, six (6) deferral characterization soil samples (DEF 1 @ Sur, DEF 1 @ 2', DEF 2 @ Sur, DEF 2 @ 2', DEF 3 @ Sur, and DEF 3 @ 2') and four (4) delineation soil samples (NH 1, EH 1, SH 1, and WH 1) were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples, and the horizontal and vertical extent of impacted soil in the Deferral Area was adequately defined.

Confirmation soil sample locations and the extent of the excavated area are depicted in Figure 4, "Sample Location Map - Excavation". Delineation and deferral characterization soil sample locations, as well as the extent of the Deferral Area, are depicted in Figure 5, "Sample Location Map - Deferral Characterization". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the Site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

5.0 DEFERRAL REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the Closure Criteria and/or Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate that in-situ concentrations of BTEX, TPH, and chloride in the excavated area are below the applicable Closure Criteria and Reclamation Standards. Remediation of impacted soil remaining in-situ in the Deferral Area will be completed upon decommissioning and abandonment of the facility, in accordance with Sections 19.15.29.12 and 19.15.29.13 NMAC.

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

On February 11 through 13, 2025, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with the imported material stockpiled on-site emplaced at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

On April 9, 2025, two (2) 5-point composite soil samples (McCasland Pit Caliche and McCasland Pit Topsoil) were collected at the McCasland borrow pit from soil representative of the material imported to the Site for use as backfill. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the soil samples and confirmed that material obtained from the borrow pit was acceptable for use as backfill.

Affected areas not on production pads and/or lease roads will be revegetated at a time conducive to germination with an agency and/or landowner-approved seed mix that has been certified to be free of noxious and invasive weeds. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Deferral Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

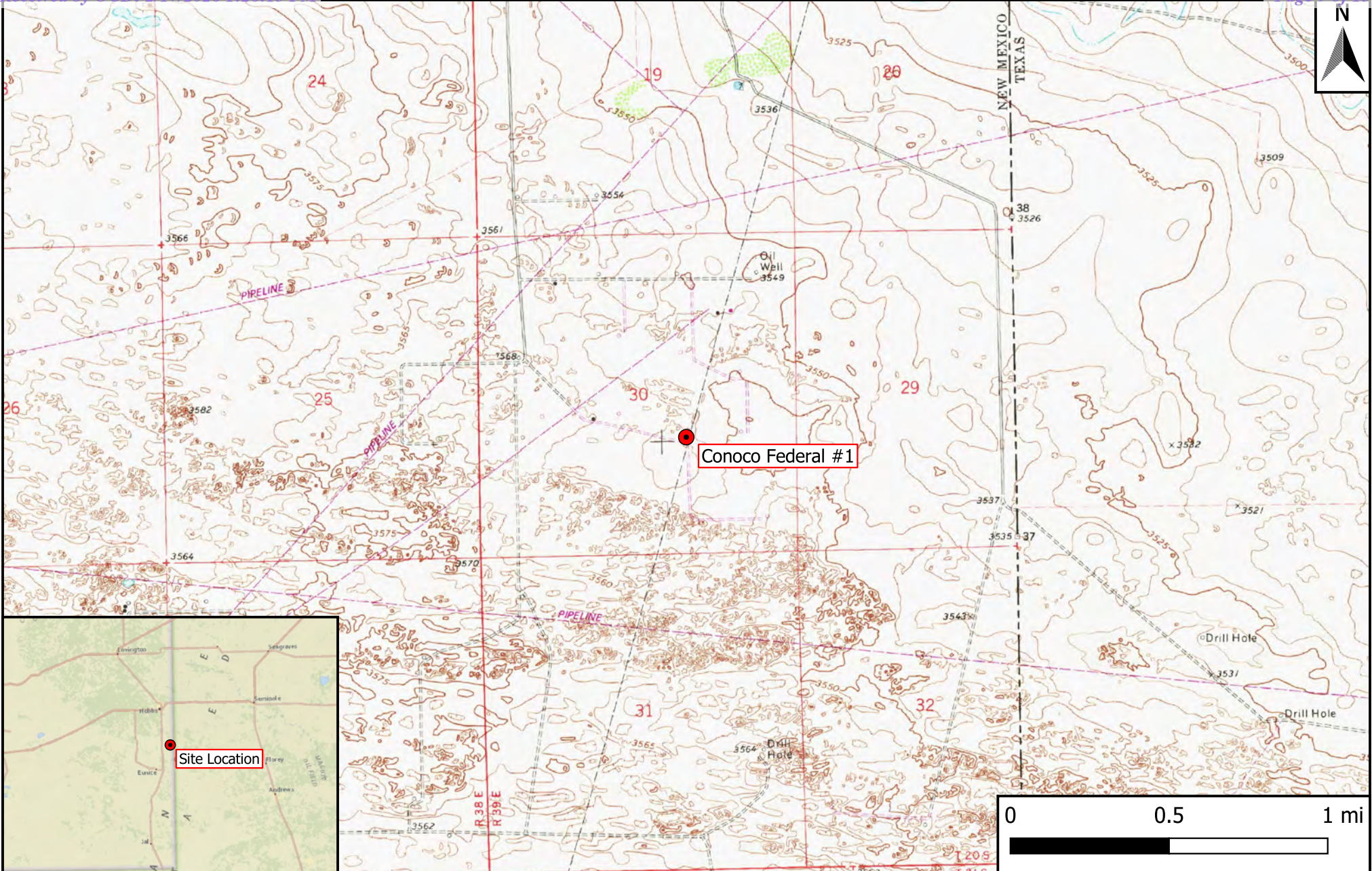
8.0 DISTRIBUTION

Mewbourne Oil Company
4801 Business Park Blvd.
Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505

(Electronic Submission)

Figures



Legend
 ● Site Location

Figure 1
 Site Location Map
 Mewbourne Oil Company
 Conoco Federal #1
 GPS: 32.541963, -103.082484
 Lea County, New Mexico



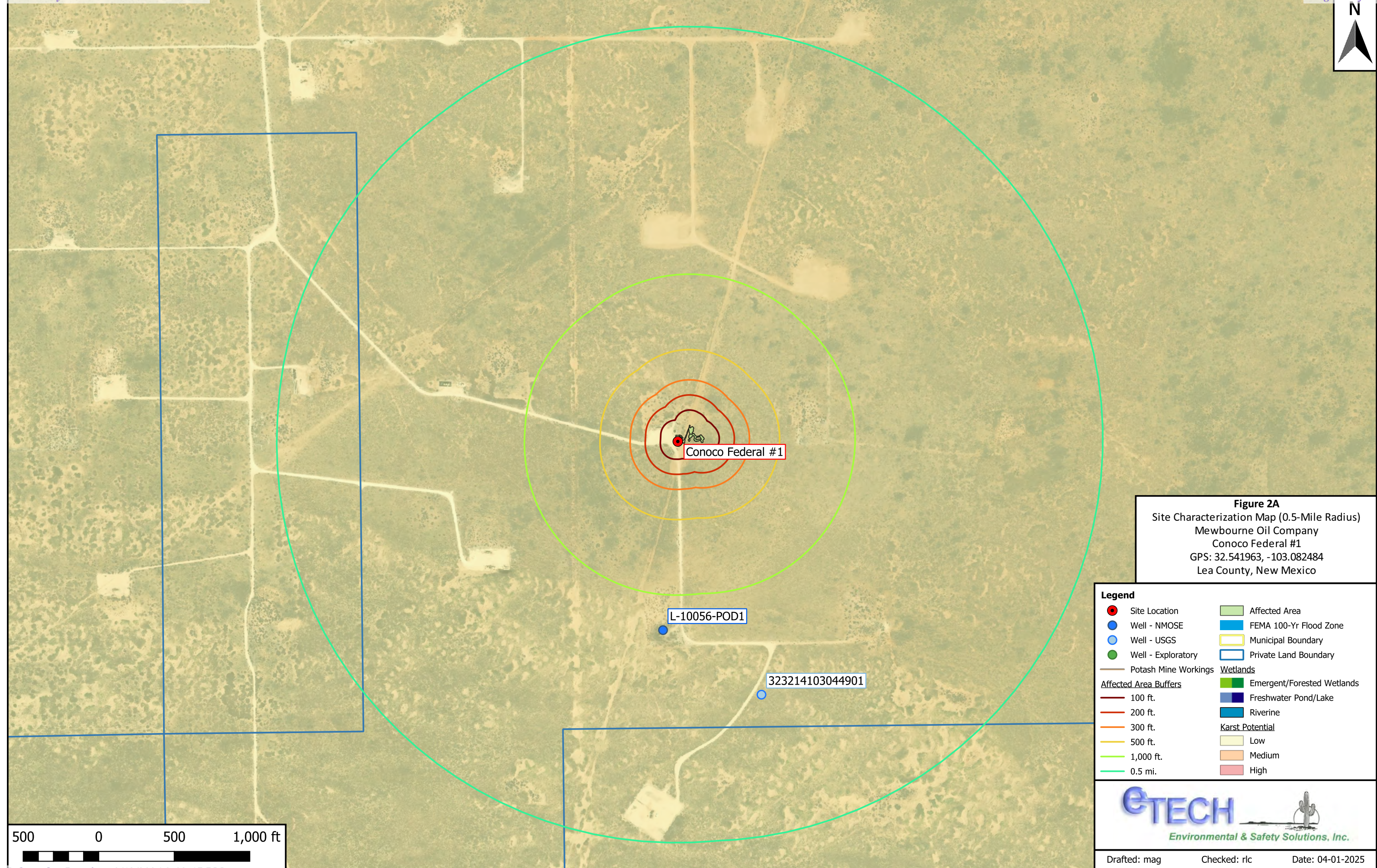
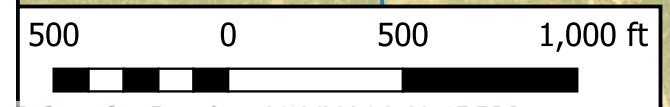


Figure 2A
 Site Characterization Map (0.5-Mile Radius)
 Mewbourne Oil Company
 Conoco Federal #1
 GPS: 32.541963, -103.082484
 Lea County, New Mexico

Legend

Site Location	Affected Area
Well - NMOSE	FEMA 100-Yr Flood Zone
Well - USGS	Municipal Boundary
Well - Exploratory	Private Land Boundary
Potash Mine Workings	Wetlands
100 ft.	Emergent/Forested Wetlands
200 ft.	Freshwater Pond/Lake
300 ft.	Riverine
500 ft.	Karst Potential
1,000 ft.	Low
0.5 mi.	Medium
	High



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 Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 04-01-2025

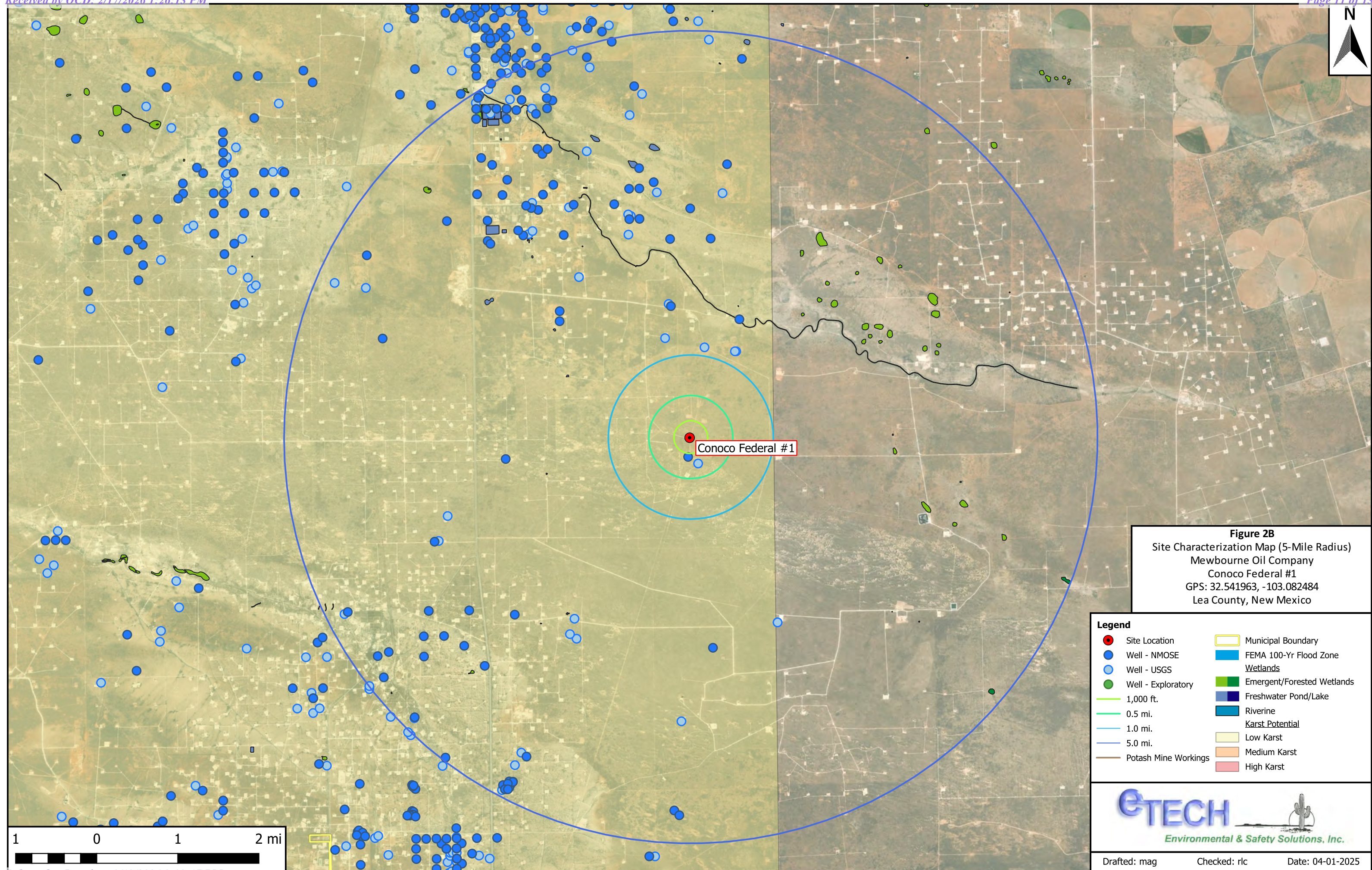
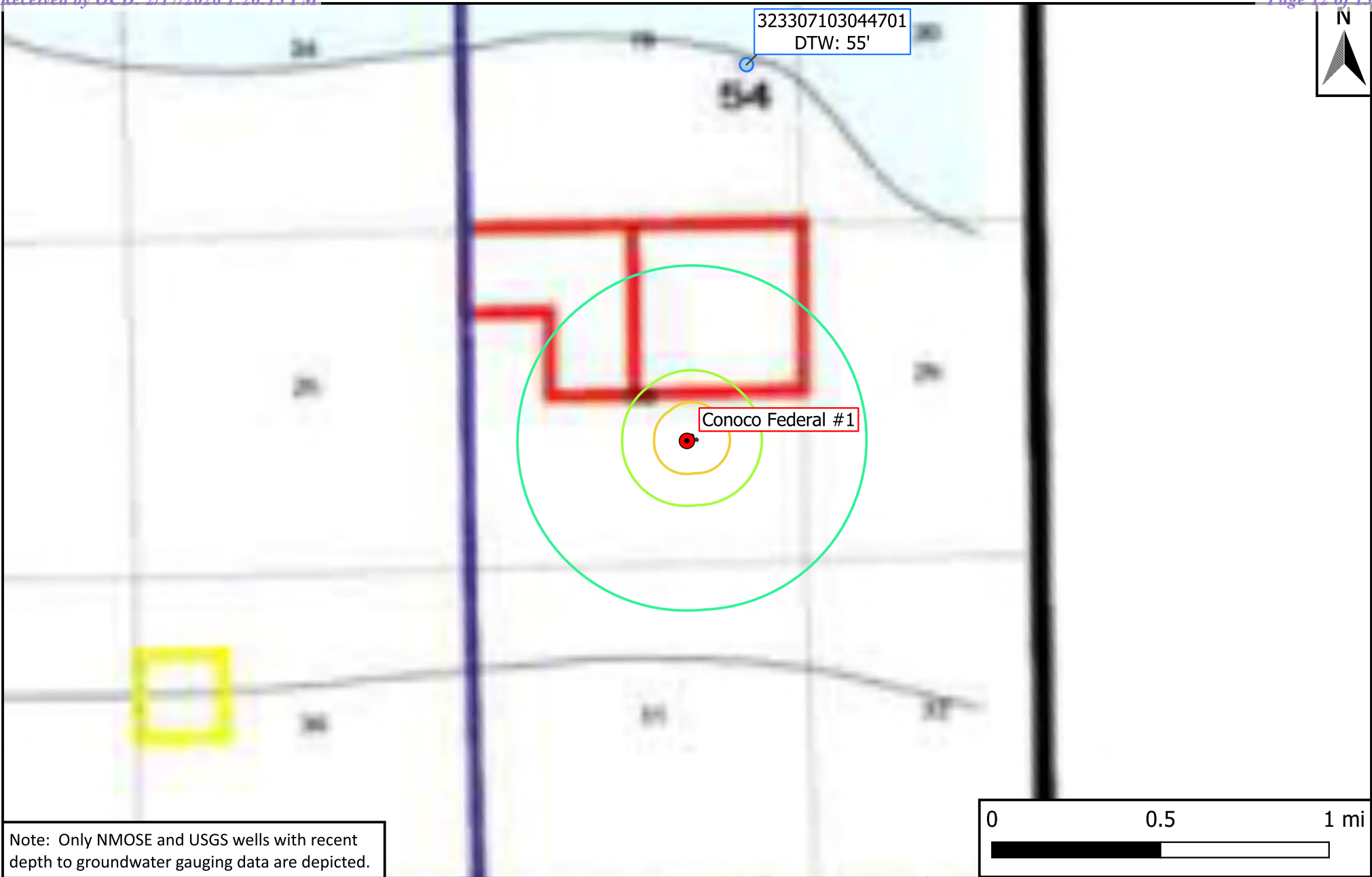


Figure 2B
 Site Characterization Map (5-Mile Radius)
 Mewbourne Oil Company
 Conoco Federal #1
 GPS: 32.541963, -103.082484
 Lea County, New Mexico

Legend	
● Site Location	 Municipal Boundary
● Well - NMOSE	 FEMA 100-Yr Flood Zone
● Well - USGS	 Wetlands
● Well - Exploratory	 Emergent/Forested Wetlands
— 1,000 ft.	 Freshwater Pond/Lake
— 0.5 mi.	 Riverine
— 1.0 mi.	 Karst Potential
— 5.0 mi.	 Low Karst
— Potash Mine Workings	 Medium Karst
	 High Karst





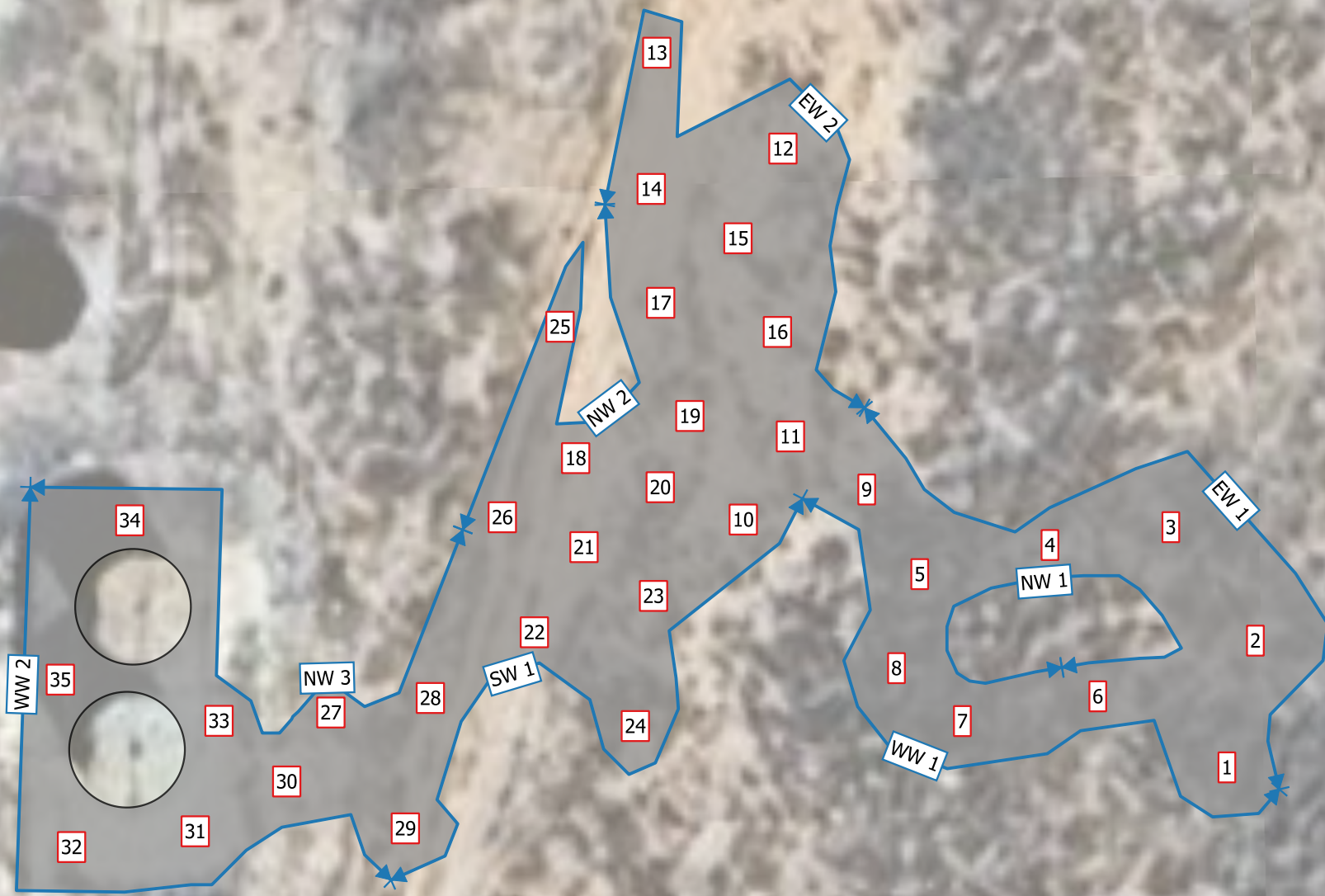
Note: Only NMOSE and USGS wells with recent depth to groundwater gauging data are depicted.

Legend	
● Active Site Locations	■ Affected Area
● Well - NMOSE	— 500 ft.
● Well - USGS	— 1,000 ft.
● Well - Exploratory	— 0.5 mi.

Figure 3
 Inferred Depth to Groundwater Map
 Mewbourne Oil Company
 Conoco Federal #1
 GPS: 32.541963, -103.082484
 Lea County, New Mexico


 Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 04-01-2025



Legend

- Composite Floor Sample
- <-> Composite Wall Sample
- Excavation Extent (6,990 ft²)

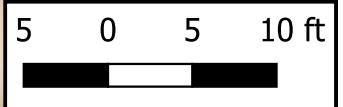
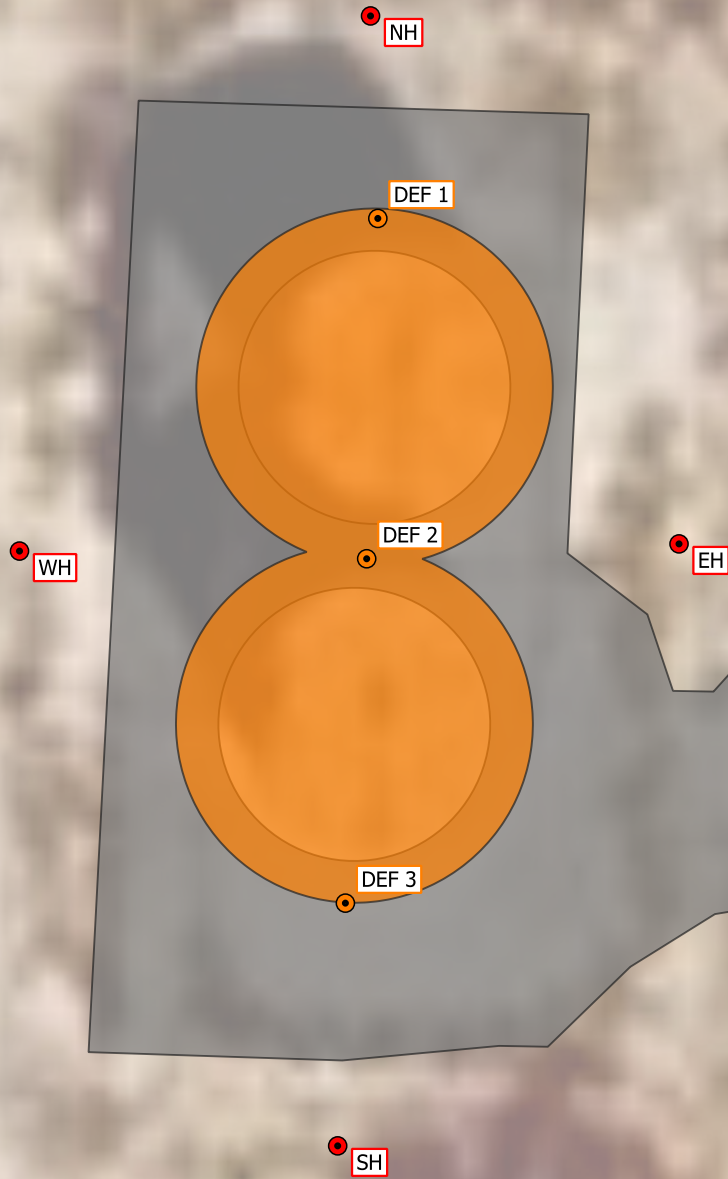
Figure 4
 Sample Location Map - Excavation
 Mewbourne Oil Company
 Conoco Federal #1
 GPS: 32.541963, -103.082484
 Lea County, New Mexico



Revised: bja

Checked: rlc

Date: 04-03-2025







Legend	
	Deferral Area (~695 ft ²)
	Excavation Extent (~6,990 ft ²)
	Deferral Characterization Sample Point
	Delineation Sample Point

Figure 5
 Sample Location Map
 Deferral Characterization
 Mewbourne Oil Company
 Conoco Federal #1
 GPS: 32.541963, -103.082484
 Lea County, New Mexico



Tables

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Conoco Federal #1 NMOCD Ref. #: nAPP2503029092											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	10,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
Excavation Samples											
FL 1 @ 3'	2/3/2025	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 2 @ 3'	2/3/2025	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 3 @ 3'	2/3/2025	3	Excavated	<0.050	<0.300	13.7	212	226	49.8	276	<16.0
FL 3 @ 4'	2/10/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 4 @ 3'	2/3/2025	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 5 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 6 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 7 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 8 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 9 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 10 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 11 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 12 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 13 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 14 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 15 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 16 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 17 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 18 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 19 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 20 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 21 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 22 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 23 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 24 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 25 @ 2'	2/3/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 26 @ 1.5'	2/4/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 27 @ 1.5'	2/4/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 28 @ 1.5'	2/4/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 29 @ 1.5'	2/4/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 30 @ 2'	2/5/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 31 @ 2'	2/5/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 32 @ 2'	2/5/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 33 @ 2'	2/5/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 34 @ 2'	2/5/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 35 @ 2'	2/5/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 1	2/3/2025	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 2	2/3/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 3	2/5/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 1	2/3/2025	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 2	2/5/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 1	2/3/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 1	2/3/2025	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 2	2/3/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

Dash (-): Sample not analyzed for that constituent.
 Bold: NMOCD Closure Criteria exceedance.
 Red: NMOCD Reclamation Standard exceedance.
 Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Conoco Federal #1 NMOCD Ref. #: nAPP2503029092											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	10,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
Backfill Samples											
McCasland Pit Caliche	4/9/2025	N/A	Backfill	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
McCasland Pit Topsoil	4/9/2025	N/A	Backfill	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
Delineation & Deferral Characterization Samples											
NH 1 @ Sur	1/12/2026	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH 1 @ Sur	1/12/2026	0	In-Situ	<0.050	<0.300	<10.0	18.4	18.4	<10.0	18.4	<16.0
SH 1 @ Sur	1/12/2026	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 1 @ Sur	1/12/2026	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 1 @ Sur	1/12/2026	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 1 @ 2'	1/12/2026	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 2 @ Sur	1/12/2026	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
DEF 2 @ 2'	1/12/2026	2	In-Situ	<0.050	<0.300	<10.0	25.0	25.0	14.5	39.5	<16.0
DEF 3 @ Sur	1/12/2026	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 3 @ 2'	1/12/2026	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
 Red Border with Shading: Highest observed concentration.

Appendix A

Depth to Groundwater Information



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category: Groundwater Geographic Area: United States GO

Click for News Bulletins

Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs

site_no list = 323307103044701

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 323307103044701 20S.39E.19.42120

Lea County, New Mexico

Latitude 32°33'29.2", Longitude 103°04'44.8" NAD83

Land-surface elevation 3,541.70 feet above NGVD29

This well is completed in the High Plains aquifer (N100HGHLN) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

- [Table of data](#)
- [Tab-separated data](#)
- [Graph of data](#)
- [Reselect period](#)

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
			72019								
1961-02-23			D 72019	57.74			1	Z			A
1966-03-07			D 72019	53.62			P	Z			A
1971-01-20			D 72019	54.95			P	Z			A
1976-02-10			D 72019	54.38			1	Z			A
1981-01-06			D 72019	54.16			1	Z			A
1981-02-04			D 72019	53.53			1	Z			A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
2007-12-19		D	72019	54.10			1	S	USGS	S	A
2008-12-17	23:00 UTC	m	72019	54.92			1	S	USGS	S	A

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	P	Pumping
Method of measurement	S	Steel-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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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2025-04-01 19:10:20 EDT

0.4 0.23 nadww01

Appendix B

Field Data



Sample Log

Date: _____

Project: Conoco Federal 1

Project Number: 21741 Latitude: 32.541992 Longitude: -103.082478

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-1 @ 3'	-	ND	
FL-2 @ 3'	-	ND	
FL-3 @ 3'	-	ND	
FL-4 @ 3'	-	ND	
FL-5 @ 2'	-	ND	
FL-6 @ 2'	-	ND	
FL-7 @ 2'	-	ND	
FL-8 @ 2'	-	ND	
FL-9 @ 2'	-	ND	
FL-10 @ 2'	-	ND	
EW-1	-	ND	
SW-1	-	ND	
NW-1	-	ND	
FL-10 @ 2'	-	ND	
FL-11 @ 2'	-	ND	
FL-12 @ 2'	-	ND	
FL-13 @ 2'	-	ND	
NW-2	-	ND	
FL-14 @ 2'	-	ND	
FL-15 @ 2'	-	ND	
WW-1	-	ND	
FL-16 @ 2'	-	ND	
FL-17 @ 2'	-	ND	
FL-18 @ 2'	-	ND	
FL-19 @ 2'	-	ND	
WW-2	-	ND	
FL-20	-	ND	
FL-21 @ 2'	-	ND	
FL-22 @ 2'	-	ND	
FL-23 @ 2'	-	ND	
FL-24 @ 2'	-	ND	
FL-25 @ 2'	-	ND	
WW - test	-	ND	
EW - test	-	ND	
NW - test	-	ND	
SW - test	-	ND	

Sample Point = SP #1 @ ## etc
 Floor = FL #1 etc
 Sidewall = SW #1 etc

Test Trench = TT #1 @ ##
 Refusal = SP #1 @ 4'-R
 Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b
 Stockpile = Stockpile #1
 GPS Sample Points, Center of Comp Areas

Appendix C

Photographic Log

Photographic Log


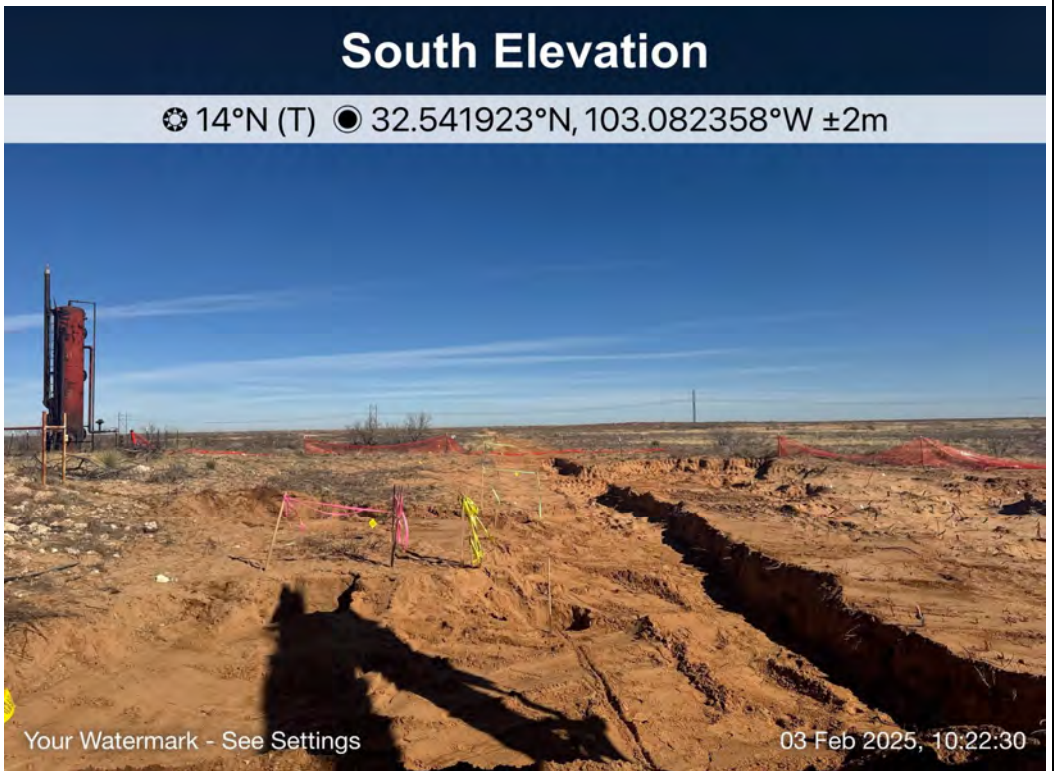
Photo Number: 1	
Photo Direction: East-Northeast	
Photo Description: View of the affected area.	

Photo Number: 2	
Photo Direction: North	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 3	 <p>32.54196, -103.08188 3555 NW309</p> <p>17 Jan 25, 10:54 AM MOC, Cimoco Federal #1 (40-085-23555) Hobbs NW 309, United States 6, 17 Jan 25, 13:53:13</p>
Photo Direction: Northwest	
Photo Description: View of the affected area.	

Photo Number: 4	 <p>South Elevation</p> <p>14°N (T) 32.541923°N, 103.082358°W ±2m</p> <p>Your Watermark - See Settings 03 Feb 2025, 10:22:30</p>
Photo Direction: North-Northeast	
Photo Description: View of the excavated area.	

Photographic Log


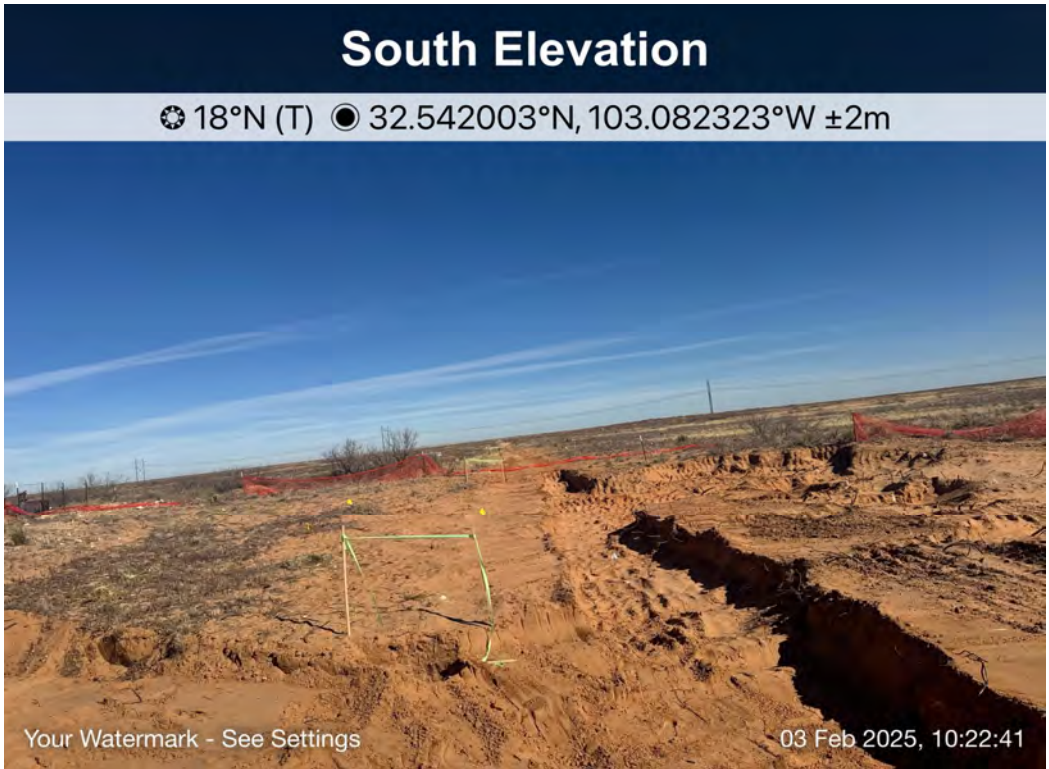
Photo Number: 5	
Photo Direction: North	
Date: 2/3/2025	
Coordinates: 32.541977,-103.082331	
Photo Description: View of the excavated area.	

Photo Number: 6	
Photo Direction: North-Northeast	
Photo Description: View of the excavated area.	


South Elevation

📍 18°N (T) 📍 32.542003°N, 103.082323°W ±2m

Your Watermark - See Settings 03 Feb 2025, 10:22:41

Photographic Log

Photo Number: 7	 <p>Network: Feb 13, 2025 at 7:44:07 AM MST Local: Feb 13, 2025 at 7:44:07 AM MST N 32° 32' 31.610" W 103° 41' 57.444" Jobs NM 88240 United States</p>
Photo Direction: Northeast	
Photo Description: View of the excavated area.	

Photo Number: 8	 <p>Network: Feb 13, 2025 at 7:44:07 AM MST Local: Feb 13, 2025 at 7:44:07 AM MST N 32° 32' 30.828" W 103° 41' 57.270" Jobs NM 88240 United States</p>
Photo Direction: Northeast	
Photo Description: View of the excavated area.	

Photographic Log


Photo Number: 9	
Photo Direction: Northeast	
Photo Description: View of the remediated area following backfilling and regrading.	


Photo Number: 10	
Photo Direction: North-Northeast	
Photo Description: View of the remediated area following backfilling and regrading.	

Photographic Log

Photo Number: 11	 <p>Network: Feb 13, 2025 at 1:55:38 PM MST Local: Feb 13, 2025 at 1:55:38 PM MST N 32° 32' 30.873", W 103° 4' 56.546" Hobbs NM 88240 United States</p>
Photo Direction: North	
Photo Description: View of the remediated area following backfilling and regrading.	

Photo Number: 12	 <p>Network: Feb 13, 2025 at 1:56:09 PM MST Local: Feb 13, 2025 at 1:56:09 PM MST N 32° 32' 31.018", W 103° 4' 57.273" Hobbs NM 88240 United States</p>
Photo Direction: Northeast	
Photo Description: View of the remediated area following backfilling and regrading.	

Photographic Log

Photo Number: 13	 <p>Network: Feb 13, 2025 at 1:56:21 PM MST Local: Feb 13, 2025 at 1:56:21 PM MST N 32° 32' 8.1589", W 103° 4' 57.260" Hobbs NM 88240 United States</p>
Photo Direction: East	
Photo Description: View of the remediated area following backfilling and regrading.	

Appendix D

Laboratory Analytical Reports



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

February 06, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CONOCO FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 02/03/25 14:42.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 1@3' (H250634-01)

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	02/05/2025	ND	2.38	119	2.00	0.0202	
Toluene*	<0.050	0.050	02/05/2025	ND	2.16	108	2.00	1.03	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.13	102	6.00	0.307	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 2@3' (H250634-02)

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	02/05/2025	ND	2.38	119	2.00	0.0202	
Toluene*	<0.050	0.050	02/05/2025	ND	2.16	108	2.00	1.03	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.13	102	6.00	0.307	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 3@3' (H250634-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	2.38	119	2.00	0.0202	
Toluene*	<0.050	0.050	02/05/2025	ND	2.16	108	2.00	1.03	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.13	102	6.00	0.307	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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*	13.7	10.0	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	212	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	49.8	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 4@3' (H250634-04)

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	02/05/2025	ND	2.38	119	2.00	0.0202	
Toluene*	<0.050	0.050	02/05/2025	ND	2.16	108	2.00	1.03	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.13	102	6.00	0.307	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 5@2' (H250634-05)

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	02/05/2025	ND	2.38	119	2.00	0.0202	
Toluene*	<0.050	0.050	02/05/2025	ND	2.16	108	2.00	1.03	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.13	102	6.00	0.307	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 6@2' (H250634-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	2.38	119	2.00	0.0202	
Toluene*	<0.050	0.050	02/05/2025	ND	2.16	108	2.00	1.03	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.13	102	6.00	0.307	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 7@2' (H250634-07)

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	02/04/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/04/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/04/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/04/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/04/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 8@2' (H250634-08)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 9@2' (H250634-09)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 10@2' (H250634-10)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 11@2' (H250634-11)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 12@2' (H250634-12)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 13@2' (H250634-13)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 14@2' (H250634-14)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 15@2' (H250634-15)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	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	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 16@2' (H250634-16)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 17@2' (H250634-17)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	197	98.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	203	102	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 18@2' (H250634-18)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 19@2' (H250634-19)

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	02/05/2025	ND	2.35	118	2.00	7.74		
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02		
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	02/04/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12		
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND						

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 20@2' (H250634-20)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 21@2' (H250634-21)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 22@2' (H250634-22)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 23@2' (H250634-23)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 24@2' (H250634-24)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 25@2' (H250634-25)

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	02/05/2025	ND	2.35	118	2.00	7.74	
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: NW 1 (H250634-26)

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	02/05/2025	ND	2.35	118	2.00	7.74		
Toluene*	<0.050	0.050	02/05/2025	ND	2.30	115	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.22	111	2.00	6.02		
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.48	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12		
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND						

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: NW 2 (H250634-27)

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	02/05/2025	ND	2.55	128	2.00	1.41	
Toluene*	<0.050	0.050	02/05/2025	ND	2.29	114	2.00	0.990	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.27	113	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.61	110	6.00	1.98	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: EW 1 (H250634-28)

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	02/05/2025	ND	2.55	128	2.00	1.41		
Toluene*	<0.050	0.050	02/05/2025	ND	2.29	114	2.00	0.990		
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.27	113	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.61	110	6.00	1.98		
Total BTEX	<0.300	0.300	02/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	02/04/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12		
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND						

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: SW 1 (H250634-29)

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	02/05/2025	ND	2.55	128	2.00	1.41		
Toluene*	<0.050	0.050	02/05/2025	ND	2.29	114	2.00	0.990		
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.27	113	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.61	110	6.00	1.98		
Total BTEX	<0.300	0.300	02/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/04/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12		
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND						

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: WW1 (H250634-30)

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	02/05/2025	ND	2.55	128	2.00	1.41	
Toluene*	<0.050	0.050	02/05/2025	ND	2.29	114	2.00	0.990	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.27	113	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.61	110	6.00	1.98	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	<16.0	16.0	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/03/2025	Sampling Date:	02/03/2025
Reported:	02/06/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: WW2 (H250634-31)

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	02/05/2025	ND	2.55	128	2.00	1.41	
Toluene*	<0.050	0.050	02/05/2025	ND	2.29	114	2.00	0.990	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.27	113	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.61	110	6.00	1.98	
Total BTEX	<0.300	0.300	02/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	02/04/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2025	ND	186	92.9	200	1.12	
DRO >C10-C28*	<10.0	10.0	02/04/2025	ND	190	94.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	02/04/2025	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Project Manager: Lance Crenshaw), and a table for analysis request with columns for Lab I.D., Sample I.D., Matrix (Groundwater, Wastewater, Soil, Oil, Sludge), Preserv., and Sampling (Date, Time). The table lists 10 samples (FL 1 @ 3' to FL 10 @ 2') with 'X' marks in the Matrix and Preserv. columns.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Form for Relinquished/Received By, Verbal Result, and Turnaround Time. Includes fields for Date, Time, and Temperature. Turnaround Time is marked as 'Standard' with a checked box. Remarks field is empty.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21741 Project Owner: Mewbourne
Project Name: Conoco Federal 1
Project Location: 32.541992, -103.082478
Sampler Name: Aaron Rios
BILL TO: P.O. #: Company: Mewbourne Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:
ANALYSIS REQUEST: Chloride TPH (8015M) BTEX (8021B)

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Relinquished By: [Signature] Date: 2-3-25 Time: 1442 Received By: [Signature] Verbal Result: [] Yes [] No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechnv.com
REMARKS:
Delivered By: (Circle One) Observed Temp. °C 1-12 Sample Condition Cool Intact CHECKED BY: (Initials) Turnaround Time: Standard Rush [X] Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Corrected Temp. °C 1-42 [] Yes [] No [] Yes [] No [] Yes [] No Corrected Temp. °C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21741 Project Owner: Mewbourne
Project Name: Conoco Federal 1
Project Location: 32.541992, -103.082478
Sampler Name: Aaron Rios
BILL TO ANALYSIS REQUEST
Chloride TPH (8015M) BTEX (8021B)
Lab I.D. Sample I.D. (GRAB OR (C)OMP. # CONTAINERS MATRIX PRESERV. SAMPLING
GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME

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Relinquished By: [Signature] Date: 2-25-25 Time: 1442 Received By: [Signature] Verbal Result: [] Yes [] No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechnv.com
REMARKS:
Delivered By: (Circle One) Observed Temp. °C 11.2 Corrected Temp. °C 1.4 Sample Condition Cool Intact [] Yes [] No [] No [] No CHECKED BY: (Initials) AP Turnaround Time: Standard Rush [X] Bacteria (only) Sample Condition Cool Intact Observed Temp. °C [] Yes [] No [] No [] No Corrected Temp. °C Thermometer ID #140 Correction Factor -4.6°C +0.3°C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Project Manager: Lance Crenshaw), and a table for analysis request with columns for Lab I.D., Sample I.D., Matrix, Preserv., and Sampling. Includes handwritten entries like 'H9501034' and '31'.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Form for Relinquished/Received By, Verbal Result, and Turnaround Time. Includes handwritten signatures, dates (2-3-25), and times (1442). Turnaround time is marked as 'Standard' with a checked box.



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

February 11, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CONOCO FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 02/04/25 14:56.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: CONOCO FEDERAL 1 Project Number: 21741 Project Manager: LANCE CRENSHAW Fax To:	Reported: 11-Feb-25 15:30
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL 26 @ 1.5'	H250677-05	Soil	04-Feb-25 00:00	04-Feb-25 14:56
FL 27 @ 1.5'	H250677-06	Soil	04-Feb-25 00:00	04-Feb-25 14:56
FL 28 @ 1.5'	H250677-07	Soil	04-Feb-25 00:00	04-Feb-25 14:56
FL 29 @ 1.5'	H250677-08	Soil	04-Feb-25 00:00	04-Feb-25 14:56

02/11/25 - Client requested a split report. This is the revised report and will replace the one sent 02/10/25.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: CONOCO FEDERAL 1 Project Number: 21741 Project Manager: LANCE CRENSHAW Fax To:	Reported: 11-Feb-25 15:30
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FL 26 @ 1.5'
H250677-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5020616	AC	06-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020532	JH	06-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	5020532	JH	06-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	

Surrogate: 1-Chlorooctane			91.1 %		48.2-134	5020525	MS	06-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			91.9 %		49.1-148	5020525	MS	06-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: CONOCO FEDERAL 1 Project Number: 21741 Project Manager: LANCE CRENSHAW Fax To:	Reported: 11-Feb-25 15:30
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FL 27 @ 1.5'
H250677-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5020609	HM	06-Feb-25	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020532	JH	06-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		5020532	JH	06-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	

Surrogate: 1-Chlorooctane			93.2 %	48.2-134		5020525	MS	06-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			95.3 %	49.1-148		5020525	MS	06-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: CONOCO FEDERAL 1 Project Number: 21741 Project Manager: LANCE CRENSHAW Fax To:	Reported: 11-Feb-25 15:30
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FL 28 @ 1.5'
H250677-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5020609	HM	06-Feb-25	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020532	JH	06-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5020532	JH	06-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	

Surrogate: 1-Chlorooctane			93.4 %	48.2-134		5020525	MS	06-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			95.0 %	49.1-148		5020525	MS	06-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: CONOCO FEDERAL 1 Project Number: 21741 Project Manager: LANCE CRENSHAW Fax To:	Reported: 11-Feb-25 15:30
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FL 29 @ 1.5'
H250677-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5020609	HM	06-Feb-25	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020532	JH	06-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020532	JH	06-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5020532	JH	06-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020525	MS	06-Feb-25	8015B	

Surrogate: 1-Chlorooctane			90.7 %	48.2-134		5020525	MS	06-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			91.5 %	49.1-148		5020525	MS	06-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: CONOCO FEDERAL 1 Project Number: 21741 Project Manager: LANCE CRENSHAW Fax To:	Reported: 11-Feb-25 15:30
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5020609 - 1:4 DI Water

Blank (5020609-BLK1) Prepared & Analyzed: 06-Feb-25

Chloride	ND	16.0	mg/kg							
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LCS (5020609-BS1) Prepared & Analyzed: 06-Feb-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5020609-BSD1) Prepared & Analyzed: 06-Feb-25

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 5020616 - 1:4 DI Water

Blank (5020616-BLK1) Prepared & Analyzed: 06-Feb-25

Chloride	ND	16.0	mg/kg							
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LCS (5020616-BS1) Prepared & Analyzed: 06-Feb-25

Chloride	448	16.0	mg/kg	400		112	80-120			
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LCS Dup (5020616-BSD1) Prepared & Analyzed: 06-Feb-25

Chloride	464	16.0	mg/kg	400		116	80-120	3.51	20	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: CONOCO FEDERAL 1 Project Number: 21741 Project Manager: LANCE CRENSHAW Fax To:	Reported: 11-Feb-25 15:30
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5020532 - Volatiles

Blank (5020532-BLK1)

Prepared: 05-Feb-25 Analyzed: 06-Feb-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0542		mg/kg	0.0500		108	71.5-134			

LCS (5020532-BS1)

Prepared: 05-Feb-25 Analyzed: 06-Feb-25

Benzene	2.09	0.050	mg/kg	2.00		105	82.8-130			
Toluene	2.18	0.050	mg/kg	2.00		109	86-128			
Ethylbenzene	2.24	0.050	mg/kg	2.00		112	85.9-128			
m,p-Xylene	4.65	0.100	mg/kg	4.00		116	89-129			
o-Xylene	2.17	0.050	mg/kg	2.00		109	86.1-125			
Total Xylenes	6.82	0.150	mg/kg	6.00		114	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			

LCS Dup (5020532-BSD1)

Prepared: 05-Feb-25 Analyzed: 06-Feb-25

Benzene	2.03	0.050	mg/kg	2.00		101	82.8-130	3.04	15.8	
Toluene	2.13	0.050	mg/kg	2.00		107	86-128	2.19	15.9	
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	85.9-128	2.40	16	
m,p-Xylene	4.53	0.100	mg/kg	4.00		113	89-129	2.59	16.2	
o-Xylene	2.12	0.050	mg/kg	2.00		106	86.1-125	2.33	16.7	
Total Xylenes	6.65	0.150	mg/kg	6.00		111	88.2-128	2.50	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0517		mg/kg	0.0500		103	71.5-134			

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Caley D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: CONOCO FEDERAL 1 Project Number: 21741 Project Manager: LANCE CRENSHAW Fax To:	Reported: 11-Feb-25 15:30
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5020525 - General Prep - Organics

Blank (5020525-BLK1)		Prepared: 05-Feb-25 Analyzed: 06-Feb-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	40.9		mg/kg	50.0		81.8	48.2-134			
<i>Surrogate: 1-Chlorooctadecane</i>	39.2		mg/kg	50.0		78.5	49.1-148			

LCS (5020525-BS1)		Prepared & Analyzed: 05-Feb-25								
GRO C6-C10	224	10.0	mg/kg	200		112	81.5-123			
DRO >C10-C28	212	10.0	mg/kg	200		106	77.7-122			
Total TPH C6-C28	435	10.0	mg/kg	400		109	80.9-121			
<i>Surrogate: 1-Chlorooctane</i>	46.7		mg/kg	50.0		93.4	48.2-134			
<i>Surrogate: 1-Chlorooctadecane</i>	44.7		mg/kg	50.0		89.4	49.1-148			

LCS Dup (5020525-BSD1)		Prepared: 05-Feb-25 Analyzed: 06-Feb-25								
GRO C6-C10	215	10.0	mg/kg	200		108	81.5-123	3.75	13	
DRO >C10-C28	205	10.0	mg/kg	200		103	77.7-122	3.04	15.6	
Total TPH C6-C28	421	10.0	mg/kg	400		105	80.9-121	3.40	18.5	
<i>Surrogate: 1-Chlorooctane</i>	47.5		mg/kg	50.0		95.1	48.2-134			
<i>Surrogate: 1-Chlorooctadecane</i>	43.8		mg/kg	50.0		87.5	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																									
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																									
Address: 2617 West Marland				Company: Mewbourne																													
City: Hobbs		State: NM		Zip: 88240		Attn: Connor Walker																											
Phone #: (575) 264-9884		Fax #:		Address:																													
Project #: 21741		Project Owner: Mewbourne		City:																													
Project Name: Conoco Federal 1				State:																Zip:													
Project Location: 32.541992, -103.082478				Phone #:																													
Sampler Name: Aaron Rios				Fax #:																													
<small>FOR LAB USE ONLY</small>																																	
Lab I.D.		Sample I.D.				(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING																	
						GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME							
H2SO66T7																																	
1		TT @ Surf				0		1		X								X		2/4/25						X		X		X		BDA	
2		TT @ 1'				0		1		X								X		2/4/25						X		X		X		BDA	
3		TT @ 2'				0		1		X								X		2/4/25						X		X		X		BDA	
4		TT @ 3'				0		1		X								X		2/4/25						X		X		X		BDA	
5		FL 26 @ 1.5'				C		1		X								X		2/4/25						X		X		X			
6		FL 27 @ 1.5'				C		1		X								X		2/4/25						X		X		X			
7		FL 28 @ 1.5'				C		1		X								X		2/4/25						X		X		X			
8		FL 29 @ 1.5'				C		1		X								X		2/4/25						X		X		X			

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Relinquished By: 		Date: 2-4-25		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: 1450				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C -8.7		Sample Condition Cool Intact		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -8.4		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
						<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
						Thermometer ID #140 Correction Factor -0.6°C + 0.32	
						Corrected Temp. °C	



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

February 11, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CONOCO FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 02/05/25 14:58.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/05/2025	Sampling Date:	02/05/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 30@2' (H250700-01)

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	02/06/2025	ND	2.16	108	2.00	0.800	
Toluene*	<0.050	0.050	02/06/2025	ND	2.24	112	2.00	0.132	
Ethylbenzene*	<0.050	0.050	02/06/2025	ND	2.28	114	2.00	0.151	
Total Xylenes*	<0.150	0.150	02/06/2025	ND	6.92	115	6.00	0.0416	
Total BTEX	<0.300	0.300	02/06/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2025	ND	218	109	200	4.10	
DRO >C10-C28*	<10.0	10.0	02/06/2025	ND	213	106	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	02/06/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/05/2025	Sampling Date:	02/05/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 31@2' (H250700-02)

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	02/06/2025	ND	2.16	108	2.00	0.800	
Toluene*	<0.050	0.050	02/06/2025	ND	2.24	112	2.00	0.132	
Ethylbenzene*	<0.050	0.050	02/06/2025	ND	2.28	114	2.00	0.151	
Total Xylenes*	<0.150	0.150	02/06/2025	ND	6.92	115	6.00	0.0416	
Total BTEX	<0.300	0.300	02/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2025	ND	218	109	200	4.10	
DRO >C10-C28*	<10.0	10.0	02/06/2025	ND	213	106	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	02/06/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/05/2025	Sampling Date:	02/05/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 32@2' (H250700-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2025	ND	2.16	108	2.00	0.800	
Toluene*	<0.050	0.050	02/06/2025	ND	2.24	112	2.00	0.132	
Ethylbenzene*	<0.050	0.050	02/06/2025	ND	2.28	114	2.00	0.151	
Total Xylenes*	<0.150	0.150	02/06/2025	ND	6.92	115	6.00	0.0416	
Total BTEX	<0.300	0.300	02/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2025	ND	218	109	200	4.10	
DRO >C10-C28*	<10.0	10.0	02/06/2025	ND	213	106	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	02/06/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/05/2025	Sampling Date:	02/05/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 33@2' (H250700-04)

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	02/07/2025	ND	2.16	108	2.00	0.800	
Toluene*	<0.050	0.050	02/07/2025	ND	2.24	112	2.00	0.132	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.28	114	2.00	0.151	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.92	115	6.00	0.0416	
Total BTEX	<0.300	0.300	02/07/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2025	ND	218	109	200	4.10	
DRO >C10-C28*	<10.0	10.0	02/06/2025	ND	213	106	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	02/06/2025	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/05/2025	Sampling Date:	02/05/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 34@2' (H250700-05)

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	02/07/2025	ND	2.16	108	2.00	0.800	
Toluene*	<0.050	0.050	02/07/2025	ND	2.24	112	2.00	0.132	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.28	114	2.00	0.151	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.92	115	6.00	0.0416	
Total BTEX	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2025	ND	218	109	200	4.10	
DRO >C10-C28*	<10.0	10.0	02/06/2025	ND	213	106	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	02/06/2025	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/05/2025	Sampling Date:	02/05/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 35@2' (H250700-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	2.16	108	2.00	0.800	
Toluene*	<0.050	0.050	02/07/2025	ND	2.24	112	2.00	0.132	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.28	114	2.00	0.151	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.92	115	6.00	0.0416	
Total BTEX	<0.300	0.300	02/07/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2025	ND	218	109	200	4.10	
DRO >C10-C28*	<10.0	10.0	02/06/2025	ND	213	106	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	02/06/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/05/2025	Sampling Date:	02/05/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: NW3 (H250700-07)

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	02/07/2025	ND	2.16	108	2.00	0.800	
Toluene*	<0.050	0.050	02/07/2025	ND	2.24	112	2.00	0.132	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.28	114	2.00	0.151	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.92	115	6.00	0.0416	
Total BTEX	<0.300	0.300	02/07/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2025	ND	218	109	200	4.10	
DRO >C10-C28*	<10.0	10.0	02/06/2025	ND	213	106	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	02/06/2025	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/05/2025	Sampling Date:	02/05/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: EW2 (H250700-08)

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	02/07/2025	ND	2.16	108	2.00	0.800	
Toluene*	<0.050	0.050	02/07/2025	ND	2.24	112	2.00	0.132	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.28	114	2.00	0.151	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.92	115	6.00	0.0416	
Total BTEX	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2025	ND	218	109	200	4.10	
DRO >C10-C28*	<10.0	10.0	02/06/2025	ND	213	106	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	02/06/2025	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Conoco Federal 1), and a large table for analysis request with columns for Lab I.D., Sample I.D., Matrix, Preserv., Sampling, and various analytes like Chloride, TPH, and BTEX.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Bottom section of the form containing 'Relinquished By' and 'Received By' signatures, dates, times, and checkboxes for 'Delivered By' and 'Turnaround Time'.



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

February 11, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CONOCO FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 02/10/25 14:51.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/10/2025	Sampling Date:	02/10/2025
Reported:	02/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: FL 3 @ 4' (H250802-01)

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	02/10/2025	ND	2.05	102	2.00	0.525	
Toluene*	<0.050	0.050	02/10/2025	ND	2.14	107	2.00	0.937	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.17	108	2.00	1.13	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	6.61	110	6.00	1.01	
Total BTEX	<0.300	0.300	02/10/2025	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	32.0	16.0	02/11/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2025	ND	218	109	200	0.526	
DRO >C10-C28*	<10.0	10.0	02/11/2025	ND	210	105	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	02/11/2025	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Form containing company information (Company Name: Etech Environmental & Safety Solutions, Inc.), project details (Project Manager: Lance Crenshaw), and analysis request table with columns for Lab I.D., Sample I.D., Matrix, Preserv., and Sampling.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Form for Relinquished/Received By, Verbal Result, Remarks, and Turnaround Time. Includes handwritten signatures and dates.



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

April 11, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CONOCO FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 04/10/25 8:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/10/2025	Sampling Date:	04/09/2025
Reported:	04/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: MCCASLAND PIT CALICHE (H252131-01)

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	04/10/2025	ND	2.14	107	2.00	0.0344	
Toluene*	<0.050	0.050	04/10/2025	ND	2.02	101	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/10/2025	ND	2.01	101	2.00	0.905	
Total Xylenes*	<0.150	0.150	04/10/2025	ND	6.24	104	6.00	0.106	
Total BTEX	<0.300	0.300	04/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	04/10/2025	ND	416	104	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	04/10/2025	ND	217	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	209	104	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.3 % 40.6-153

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/10/2025	Sampling Date:	04/09/2025
Reported:	04/11/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.541992,-103.082478		

Sample ID: MCCASLAND PIT TOPSOIL (H252131-02)

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	04/10/2025	ND	2.14	107	2.00	0.0344	
Toluene*	<0.050	0.050	04/10/2025	ND	2.02	101	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/10/2025	ND	2.01	101	2.00	0.905	
Total Xylenes*	<0.150	0.150	04/10/2025	ND	6.24	104	6.00	0.106	
Total BTEX	<0.300	0.300	04/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	04/10/2025	ND	416	104	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	04/10/2025	ND	217	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	04/10/2025	ND	209	104	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/10/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Form containing company information (Etech Environmental & Safety Solutions, Inc.), project details (Project Manager: Lance Crenshaw, Project Name: Conoco Federal 1), and a table for analysis request with columns for Lab I.D., Sample I.D., Matrix, Preservation, Sampling, and various analytes (Chloride, TPH, BTEX).

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Form for Relinquished/Received By, Date, Time, Verbal Result, Remarks (24 HOUR RUSH), and Sample Condition/Checked By information.



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

January 19, 2026

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CONOCO FEDERAL 1

Enclosed are the results of analyses for samples received by the laboratory on 01/13/26 9:28.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: DEF 1 @ SUR (H260176-01)

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	01/14/2026	ND	1.99	99.6	2.00	1.48	
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89	
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03	
Total BTEX	<0.300	0.300	01/14/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2026	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370	
DRO >C10-C28*	<10.0	10.0	01/14/2026	ND	169	84.5	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND					

Surrogate: 1-Chlorooctane 94.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 103 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: DEF 1 @ 2' (H260176-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/14/2026	ND	1.99	99.6	2.00	1.48		
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89		
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03		
Total BTEX	<0.300	0.300	01/14/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/13/2026	ND	464	116	400	10.9		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370		
DRO >C10-C28*	<10.0	10.0	01/14/2026	ND	169	84.5	200	5.71		
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND						

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 109 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: DEF 2 @ SUR (H260176-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2026	ND	1.99	99.6	2.00	1.48	
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89	
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03	
Total BTEX	<0.300	0.300	01/14/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/13/2026	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370	
DRO >C10-C28*	<10.0	10.0	01/14/2026	ND	169	84.5	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND					

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 109 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: DEF 2 @ 2' (H260176-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2026	ND	1.99	99.6	2.00	1.48	
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89	
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03	
Total BTEX	<0.300	0.300	01/14/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370	
DRO >C10-C28*	25.0	10.0	01/14/2026	ND	169	84.5	200	5.71	
EXT DRO >C28-C36	14.5	10.0	01/14/2026	ND					

Surrogate: 1-Chlorooctane 106 % 52.4-130

Surrogate: 1-Chlorooctadecane 117 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: DEF 3 @ SUR (H260176-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2026	ND	1.99	99.6	2.00	1.48	
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89	
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03	
Total BTEX	<0.300	0.300	01/14/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370	
DRO >C10-C28*	<10.0	10.0	01/14/2026	ND	169	84.5	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 111 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: DEF 3 @ 2' (H260176-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2026	ND	1.99	99.6	2.00	1.48	
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89	
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03	
Total BTEX	<0.300	0.300	01/14/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/13/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370	
DRO >C10-C28*	<10.0	10.0	01/14/2026	ND	169	84.5	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND					

Surrogate: 1-Chlorooctane 93.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 100 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: NH 1 @ SUR (H260176-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/14/2026	ND	1.99	99.6	2.00	1.48		
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89		
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03		
Total BTEX	<0.300	0.300	01/14/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/13/2026	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370		
DRO >C10-C28*	<10.0	10.0	01/14/2026	ND	169	84.5	200	5.71		
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND						

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 111 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: EH 1 @ SUR (H260176-08)

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	01/14/2026	ND	1.99	99.6	2.00	1.48	
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89	
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03	
Total BTEX	<0.300	0.300	01/14/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370	
DRO >C10-C28*	18.4	10.0	01/14/2026	ND	169	84.5	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND					

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 113 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: SH 1 @ SUR (H260176-09)

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	01/14/2026	ND	1.99	99.6	2.00	1.48	
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89	
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03	
Total BTEX	<0.300	0.300	01/14/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370	
DRO >C10-C28*	<10.0	10.0	01/14/2026	ND	169	84.5	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND					

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 111 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/13/2026	Sampling Date:	01/12/2026
Reported:	01/19/2026	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL 1	Sampling Condition:	Cool & Intact
Project Number:	21741	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.541963-103.082484		

Sample ID: WH 1 @ SUR (H260176-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2026	ND	1.99	99.6	2.00	1.48	
Toluene*	<0.050	0.050	01/14/2026	ND	1.90	94.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/14/2026	ND	2.12	106	2.00	1.89	
Total Xylenes*	<0.150	0.150	01/14/2026	ND	6.74	112	6.00	3.03	
Total BTEX	<0.300	0.300	01/14/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2026	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2026	ND	183	91.6	200	0.370	
DRO >C10-C28*	<10.0	10.0	01/14/2026	ND	169	84.5	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	01/14/2026	ND					

Surrogate: 1-Chlorooctane 99.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Lance Crenshaw
Address: 2617 West Marland
City: Hobbs State: NM Zip: 88240
Phone #: (575) 264-9884 Fax #:
Project #: 21741 Project Owner: Mewbourne Oil Company
Project Name: Conoco Federal #1
Project Location: 32.541963, -103.082484
Sampler Name: Martin Sepulveda
BILL TO: P.O. #: Company: Mewbourne Oil Company Attn: Connor Walker
ANALYSIS REQUEST: Chloride TPH (8015M) BTEX (8021B)

Table with columns: Lab I.D., Sample I.D., (G)RAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME). Rows 1-10 with handwritten sample IDs and 'X' marks in matrix and sampling columns.

PLEASE NOTE: Liability and Damages... Relinquished By: [Signature] Date: 1/13/26 Time: 09:28 Received By: [Signature] Verbal Result: [X] Yes [] No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C -2.4 Corrected Temp. °C -2.3 Sample Condition Cool Intact [X] Yes [] No [] No [] No CHECKED BY: (Initials) [Signature] Turnaround Time: Standard [] Rush [X] Bacteria (only) Sample Condition Cool Intact Observed Temp. °C [] Yes [] No [] Yes [] No Corrected Temp. °C Thermometer ID #140 Correction Factor .06°C -10.1°C

CS 10402401K

Appendix E

Regulatory Correspondence

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:14 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426600

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/03/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:16 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426606

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/04/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:20 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426609

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/05/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:26 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426612

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/06/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:30 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426619

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/07/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:36 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426626

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/10/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:39 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426629

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/11/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:42 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426633

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/12/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:44 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426635

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/13/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Thursday, January 30, 2025 11:46 AM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 426638

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2503029092.

The sampling event is expected to take place:

When: 02/14/2025 @ 07:00

Where: J-30-20S-39E 0 FNL 0 FEL (32.541963,-103.082484)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of NM-18 and McCasland Rd (32.569160, -103.127708), head E on McCasland Rd for 2.14 mi, then S for 1.39 mi, then SE for 0.56 mi, then E across the pad for 0.04 mi to arrive at the Conoco Federal 1 release area (32.541992, -103.082478).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, May 15, 2025 9:51 AM
To: Connor Walker <cwalker@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID: 451551

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action (C-141)*, for incident ID (n#) nAPP2503029092, for the following reasons:

- **Remediation closure denied. The cause of this release was a tank failure. Either horizontal and vertical delineation will need to occur around the tanks themselves and a deferral requested or the tanks will need to be removed and remediation carried out under and around the tanks pursuant to 19.15.29.12 NMAC. Photographic documentation should be included per 19.15.29.12(E)1 NMAC. Submit report by 7/14/25.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 451551.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Shelly Wells
Environmental Specialist-A
505-469-7520
Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: [Ben Arguijo](#)
To: [Wells, Shelly, EMNRD](#)
Subject: [EXTERNAL] RE: nAPP2503029092 CONOCO FEDERAL #1 Questions
Date: Tuesday, March 17, 2026 4:42:03 PM
Attachments: [image001.png](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Shelly,

Apologies. I reached out to Mewbourne about this last week, but they were waiting to hear back from their Construction division on the matter.

That said, the release was from the south tank. Connor Walker said he remembers that there was a leak from the bottom seam along the side of the tank. The tank was replaced prior to backfilling, which you can somewhat see by comparing photo #3 in the Photographic Log to photos #11 and #12.

The lack of photos was addressed in one of my emails to you from the time the Closure Request was originally denied, but I'll provide a little more information on that if it helps. For some reason (probably a new Environmental Technician), very few pics were taken of the excavation in general, a lot of which were essentially duplicates taken from *slightly* different angles. Only three photos were taken of the containment area (see attached), which were automatically downsized with poor resolution when they were submitted via SMS message to the General Manager. By the time that all came to light, the site had already been backfilled, so it wasn't possible to go back and take more photos of the excavation. The original-resolution photos had also been deleted from the Tech's phone, because they thought they needed to free up storage space for other photos for some reason. We have since changed our field photo submission process to hopefully avoid things like that happening in the future.

I meant to include all three of the containment excavation photos, such as they were, in the Photographic Log, but I inadvertently imported the wrong pdf version when compiling the report pdf. As a result, Pic003.jpeg was left out. I apologize. That pic was taken from a slightly different angle than Pic002.jpeg (Photo #8 in the report), but it is unfortunately not much more illuminating, as you still cannot see the tanks.

Let me know if you need any additional information.

Thanks.

Ben

Ben J. Arguijo

Project Manager



6309 Indiana Ave., Ste. D
Lubbock, TX 79413
(432) 813-1592

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, March 17, 2026 2:14 PM
To: Ben Arguijo <bena@etechenv.com>
Subject: RE: nAPP2503029092 CONOCO FEDERAL #1 Questions

Hi Ben,

Just wanted to follow up on this since I have not heard back from you on this release... since it was a tank that failed, can you tell me where it failed? Was it in the bottom or along the side of the tank? Any and all information you can provide would be greatly appreciated.

Sincerely,

Shelly

From: Wells, Shelly, EMNRD
Sent: Wednesday, March 11, 2026 1:56 PM
To: Ben Arguijo <bena@etechenv.com>
Subject: nAPP2503029092 CONOCO FEDERAL #1 Questions

Hi Ben,

I am reviewing the submitted deferral request for nAPP2503029092 CONOCO FEDERAL #1 and have questions regarding this release. Which of the two tanks was the cause of the release? What did Matador do to fix this? Was the tank replaced or repaired? Can you please provide photos of the remediation that took place around the tanks? I look forward to hearing back from you regarding this when you have the time.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 554785

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 554785
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503029092
Incident Name	NAPP2503029092 CONOCO FEDERAL #1 @ 30-025-23555
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Well	[30-025-23555] CONOCO FEDERAL #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	CONOCO FEDERAL #1
Date Release Discovered	01/17/2025
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Production Tank Crude Oil Released: 22 BBL Recovered: 15 BBL Lost: 7 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 554785

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 554785
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 02/17/2026
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Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS, Page 3

Action 554785

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 554785
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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)	276
GRO+DRO (EPA SW-846 Method 8015M)	226
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	01/29/2025
On what date will (or did) the final sampling or liner inspection occur	01/12/2026
On what date will (or was) the remediation complete(d)	02/13/2025
What is the estimated surface area (in square feet) that will be reclaimed	6990
What is the estimated volume (in cubic yards) that will be reclaimed	703
What is the estimated surface area (in square feet) that will be remediated	6990
What is the estimated volume (in cubic yards) that will be remediated	780

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.

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

General Information
Phone: (505) 629-6116

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

QUESTIONS, Page 4

Action 554785

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 554785
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 02/17/2026
--	---

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

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
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QUESTIONS, Page 5

Action 554785

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 554785
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Storage tanks in containment.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	695
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	124
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2125650630 CONOCO FEDERAL #1 BATTERY
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<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: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 02/17/2026

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

General Information
Phone: (505) 629-6116

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

QUESTIONS, Page 6

Action 554785

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 554785
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	426638
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/14/2025
What was the (estimated) number of samples that were to be gathered	31
What was the sampling surface area in square feet	6050

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	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

CONDITIONS

Action 554785

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 554785
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scwells	Deferral approved. Deferral of (Refer to Figure 5 of Application ID 554785 for deferral area) is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	3/19/2026