



March 30, 2026

**New Mexico Oil Conservation Division**

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

**Re: Closure Request  
Raider Compressor Station  
Facility ID fAB1919049945  
Incident Number nAPP2600255913  
Eddy County, New Mexico**

To Whom It May Concern:

Ensolium, LLC (Ensolium), on behalf of XTO Energy, Inc (XTO), has prepared this *Closure Request* to document the findings of site assessment and soil sampling activities conducted at the Raider Compressor Station (Site) following a fire incident involving lube oil that had combusted on a compressor unit. Based on assessment and soil sampling activities, XTO is submitting this *Closure Request*, describing remediation activities completed and requesting closure for Incident Number nAPP2600255913.

**SITE DESCRIPTION AND INCIDENT SUMMARY**

The Site is located in Unit G, Section 36, Township 23 South, Range 29 East, in Eddy County, New Mexico (32.26382°, -103.93431°) and is associated with oil and gas exploration and production operations on State Land managed by the New Mexico State Land Office (NMSLO) under Lease Number E058940010.

On January 1, 2026, a hydraulic hose on a compressor unit failed, releasing approximately 0.05 barrels of lube oil onto multiple exterior compressor equipment parts, located on the upper portion of compressor unit #10. The lube oil combusted, resulting in a small fire which burned for approximately 5 minutes before it was extinguished by operators. Once the fire was extinguished, it was determined based on visual observation that the entirety of the lube oil fluids were consumed by the fire. No lube oil was observed on the compressor unit skid, concrete pad below, or ground surface near the compressor unit. XTO reported the incident to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) on January 2, 2026 and subsequently submitted an Initial Release C-141 Form (C-141) on January 3, 2026. The incident was assigned Incident Number nAPP2600255913.

**SITE CHARACTERIZATION AND CLOSURE CRITERIA**

The Site was characterized to assess the applicability of Table I Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below and potential Site receptors are identified on Figure 1.

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Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring drilled to investigate regional groundwater depth. In January 2025, a soil boring permitted by New Mexico Office of the State Engineer (NMOSE) (C-04905) was completed approximately 0.8 miles southeast of the Site utilizing hollow stem auger drilling method. Soil boring C-04905 was drilled to a depth of 105 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 105 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips per the approved NMOSE Well Plugging Plan of Operations. The C-04905 Well Record & Log and Plugging Record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an ephemeral stream located approximately 210 feet south of the Site. Although the United States Geological Survey (USGS) National Hydrography Dataset map and Figure 1 depict this ephemeral stream feature intersecting the Site and running closer to the point of release (POR), it no longer exists on the Site pad due to the compressor facility construction development completed over top of this feature. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by unstable geology (medium potential karst designation area).

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

## **NMSLO CULTURAL RESOURCES AND BIOLOGICAL REVIEW**

### Cultural Properties Protection

Since the entirety of the incident occurred on the well pad, the Site is exempt from the Cultural Properties Protection (CPP) Rule. As such, no additional cultural resource surveys were completed in connection with this fire incident.

### Biological Review

Ensolum personnel conducted a desktop review to establish if the Site is within an area of possible threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, and sensitive soils.

- A review of the U.S. Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical wildlife habitats at the Site. A review of the BLM NM Plant Wildlife Habitat maps indicated potential habitats for Scheer's beehave cactus, Tharp's blue-star, and Wright's waterwillow near the Site. Threatened and endangered plant species are



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potentially present in the area surrounding the Site; however, no native vegetation outside of the facility pad extent was disturbed during activities.

- The Site is located outside the historical range, but within a current management area of the Lesser Prairie Chicken habitat based on a review of NMSLO Candidate Conservation Agreement with Assurances (CCAA) map. From March 1st through June 15th, no remediation activities occurred between the hours of 3:00 am to 9:00 am to protect any Lesser Prairie Chickens within the area.
- The Site is underlain by unstable geology (medium potential karst designation area), as determined by the Site Characterization.
- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as Pajarito loamy fine sand, 0 to 3 percent slopes, eroded (PA). The Pajarito loamy fine sand is not considered a sensitive soil per the NMSLO guidelines. Additionally, the incident occurred on the upper portion of a compressor unit and did not reach the surface of the pad, limiting contact with potentially sensitive native soil outside the pad boundary.

## CONFIRMATION SOIL SAMPLING ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On January 15, 2026, Ensolum personnel visited the Site to conduct a site assessment and confirmation soil sampling activities. Two 5-point composite soil samples were collected representing no more than 200 square feet of the ground surface per sample. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples CS01 and CS02 were collected from the ground surface immediately adjacent to the associated compressor unit. The confirmation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-Gasoline Range Organics (GRO), TPH-Diesel Range Organics (DRO), and TPH-Oil Range Organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method EPA 300.0. The confirmation soil sample locations are presented on Figure 2 and a photographic log depicting confirmation sampling areas and surficial soil conditions surrounding the compressor unit is included in Appendix B.

Laboratory analytical results for the confirmation soil samples indicated that all COC concentrations were compliant with the Site Closure Criteria. The laboratory analytical results confirm that no impacted soil was identified as a result of the fire incident involving lube oil. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix C.

## CLOSURE REQUEST

Confirmation soil sampling activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the January 1, 2026 fire incident involving lube oil. Laboratory analytical results for soil samples collected adjacent to the compressor unit indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on laboratory analytical results, no further remediation activities are required.

No impacted soil was identified at this Site as a result of the incident fire. Depth to groundwater is estimated to be greater than 100 feet bgs, and no nearby sensitive receptors were impacted by the incident. Confirmation soil sample laboratory analytical results are compliant with the Closure Criteria.



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XTO believes these remedial actions are protective of human health, the environment, and groundwater and respectfully requests closure for Incident Number nAPP2600255913

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely,  
**Ensolum, LLC**



Joshua Boxley  
Senior Technician



Benjamin J. Belill  
Senior Geologist

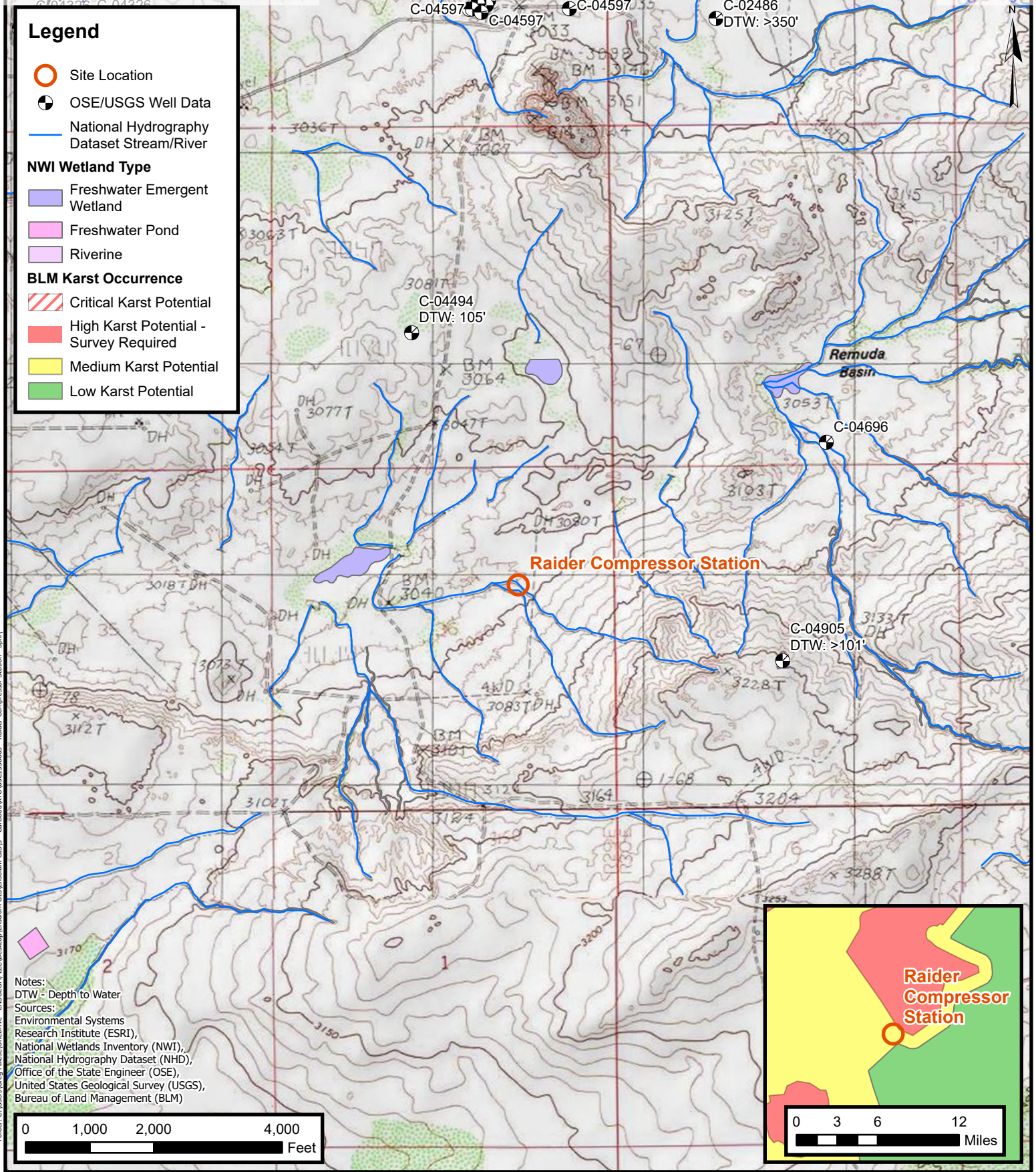
cc: Robert Woodall, XTO  
Richard Kotzur, XTO  
NMSLO

Appendices:

Figure 1	Site Receptor Map
Figure 2	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Photographic Log
Appendix C	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix D	Spill Volume Calculation



FIGURES



Folder: C:\Users\Greg.Palase\OneDrive - ENSOLIM, LLC\Desktop\Ensolum GIS\Ensolum GIS13 - Caribair\XTO\C1558805 - Raider Compressor Station - Sp11



**Site Receptor Map**  
 XTO Energy, Inc  
 Raider Compressor Station  
 Incident Number: nAPP2600255913  
 Unit G, Section 36, T 23S, R 29E  
 Eddy County, New Mexico

**FIGURE**  
**1**

**Legend**

- Confirmation Soil Sample in Compliance with Closure Criteria
- ▲ Point of Release (POR)
- Steel Skid
- Compressor Unit



Folder: C:\Users\Greg\_Palase\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS3 - Carlebar\XTO\031519806 - Raider Compressor Station - Spill

## Confirmation Soil Sample Locations

XTO Energy, Inc  
 Raider Compressor Station  
 Incident Number: nAPP2600255913  
 Unit G, Section 36, T 23S, R 29E  
 Eddy County, New Mexico

**FIGURE**  
**2**





TABLES



**TABLE 1  
SOIL SAMPLE ANALYTICAL RESULTS  
Raider Compressor Station  
XTO Energy, Inc  
Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			10	50	NE	NE	NE	NE	100	600
<b>Confirmation Soil Samples</b>										
CS01	01/15/2026	Surface	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	<10.1
CS02	01/15/2026	Surface	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	12.1

Notes:

bgs: below ground surface  
 mg/kg: milligrams per kilogram  
 NMOCD: New Mexico Oil Conservation Division  
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes  
 NE: Not Established

GRO: Gasoline Range Organics  
 DRO: Diesel Range Organics  
 ORO: Oil Range Organics  
 TPH: Total Petroleum Hydrocarbon  
 NMAC: New Mexico Administrative Code



## APPENDIX A

### Referenced Well Records

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# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <b>POD 1 (TW-1)</b>		WELL TAG ID NO. <b>N/A</b>		OSE FILE NO(S). <b>C-04905</b>			
	WELL OWNER NAME(S) <b>XTO Energy, Inc.</b>				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS <b>3104 E. Greene St.</b>				CITY <b>Carlsbad</b>	STATE <b>NM</b>	ZIP <b>88220</b>	
	WELL LOCATION (FROM GPS)	DEGREES <b>32</b>	MINUTES <b>15</b>	SECONDS <b>36.40</b>	<b>N</b>	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE <b>103</b>	<b>55</b>	<b>16.09</b>	<b>W</b>	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE <b>NE NE SW Sec. 31, T23S, R30E, NMPM</b>								
2. DRILLING & CASING INFORMATION	LICENSE NO. <b>1249</b>		NAME OF LICENSED DRILLER <b>Jackie D. Atkins</b>			NAME OF WELL DRILLING COMPANY <b>Atkins Engineering Associates, Inc.</b>		
	DRILLING STARTED <b>01/13/2025</b>	DRILLING ENDED <b>01/13/2025</b>	DEPTH OF COMPLETED WELL (FT) <b>Temporary Well Material</b>	BORE HOLE DEPTH (FT) <b>±101</b>	DEPTH WATER FIRST ENCOUNTERED (FT) <b>N/A</b>			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>N/A</b>	DATE STATIC MEASURED <b>1/13/25, 1/24/25</b>		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER – SPECIFY: <b>Hollow Stem Auger</b>						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	<b>0</b>	<b>105</b>	<b>±6.25</b>	<b>Soil Boring</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				<b>N/A</b>				

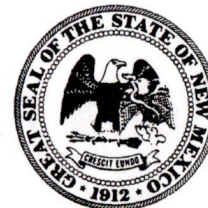
OSE DII RESWELL-NM  
10 FEB 25 PM 1:50

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	<b>C-4905</b>	POD NO.	<b>1</b>	TRN NO.	<b>770580</b>		
LOCATION	<b>23S-30E-31 223</b>			WELL TAG ID NO.	<b>N/A</b>	PAGE 1 OF 2	





# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04905-POD-1

Well owner: XTO Energy, Inc. Phone No.: \_\_\_\_\_

Mailing address: 3104 E. Greene St.

City: Carlsbad State: New Mexico Zip code: 88220

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins ( Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Lucas Middleton
- 4) Date well plugging began: 01/24/2025 Date well plugging concluded: 01/24/2025
- 5) GPS Well Location: Latitude: 32 deg, 15 min, 36.40 sec  
Longitude: 103 deg, 55 min, 16.09 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),  
by the following manner: water level probe
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 11/07/2024
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII ROSWELL NM  
10 FEB '25 PM 1:50

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0-10'	Hydrated Bentonite	Approx. 15 gallons	15 gallons	Boring	
10'-105'	Drill Cuttings	Approx. 152 gallons	152 gallons	Boring	

OSE DII ROSWELL NM  
10 FEB '25 PM 1:50

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

**III. SIGNATURE:**

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

  
Jack Atkins (Feb 10, 2025 10:09 MST)

02/10/2025

Signature of Well Driller

Date



## APPENDIX B



### Photographic Log

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## Photographic Log



XTO Energy, Inc  
Raider Compressor Station  
nAPP2600255913

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 1/1/2026</p>	
<p><u>Description</u> Fire resulting from release</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 1/1/2026</p>	
<p><u>Description</u> Point of release, failed hydraulic hose, upper exterior of compressor unit.</p>		
<p><u>View</u> Southwest</p>		



## Photographic Log

XTO Energy, Inc  
Raider Compressor Station  
nAPP2600255913

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 1/15/2026</p>	
<p><u>Description</u> West side of compressor unit in vicinity of fire incident</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 1/15/2026</p>	
<p><u>Description</u> West side of compressor unit in vicinity of fire incident</p>		
<p><u>View</u> East</p>		



## Photographic Log


XTO Energy, Inc  
Raider Compressor Station  
nAPP2600255913

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 1/15/2026</p>	
<p><u>Description</u> East side of compressor unit in vicinity of fire incident</p>		
<p><u>View</u> Northwest</p>		
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 1/15/2026</p>	
<p><u>Description</u> East side of compressor unit, point of incident visible and discoloration from fire visible, replaced heat shielding</p>		
<p><u>View</u> Southwest</p>		



## Photographic Log

XTO Energy, Inc  
Raider Compressor Station  
nAPP2600255913

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 1/15/2026</p>	
<p><u>Description</u> East side of compressor unit in vicinity of fire incident, CS01</p>		
<p><u>View</u> South</p>		
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 1/15/2026</p>	
<p><u>Description</u> West side of compressor unit in vicinity of fire incident, CS02</p>		
<p><u>View</u> South</p>		



## APPENDIX C

### Laboratory Analytical Reports & Chain of Custody Documentation

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Tracy Hillard  
 Ensolum  
 601 N. Marienfeld St.  
 Suite 400  
 Midland, Texas 79701  
 Generated 1/20/2026 1:23:36 PM

## JOB DESCRIPTION

RAIDER COMPRESSOR STATION - SPILL  
 03C1558805

## JOB NUMBER

890-9370-1



# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



Generated  
1/20/2026 1:23:36 PM

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

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Client: Ensolum  
Project/Site: RAIDER COMPRESSOR STATION - SPILL

Laboratory Job ID: 890-9370-1  
SDG: 03C1558805

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## Definitions/Glossary

Client: Ensolum  
Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
SDG: 03C1558805

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Ensolum  
Project: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1

**Job ID: 890-9370-1**

**Eurofins Carlsbad**

## Job Narrative 890-9370-1

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

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

### Receipt

The samples were received on 1/16/2026 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS 01 (890-9370-1) and CS 02 (890-9370-2).

### GC VOA

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

### Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-67078-A-26-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-129168/1-A). Evidence of matrix interferences is not obvious.

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

### HPLC/IC

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

Eurofins Carlsbad



### Client Sample Results

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

**Client Sample ID: CS 01**

**Lab Sample ID: 890-9370-1**

Date Collected: 01/15/26 12:05

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/20/26 10:10	01/20/26 13:07	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/20/26 10:10	01/20/26 13:07	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/20/26 10:10	01/20/26 13:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/20/26 10:10	01/20/26 13:07	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/20/26 10:10	01/20/26 13:07	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/20/26 10:10	01/20/26 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/20/26 10:10	01/20/26 13:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/20/26 10:10	01/20/26 13:07	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/20/26 13:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/19/26 23:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	01/16/26 11:35	01/19/26 23:06	1
o-Terphenyl	101		70 - 130	01/16/26 11:35	01/19/26 23:06	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1	mg/Kg			01/19/26 16:59	1

**Client Sample ID: CS 02**

**Lab Sample ID: 890-9370-2**

Date Collected: 01/15/26 12:10

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/20/26 10:10	01/20/26 13:28	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/20/26 10:10	01/20/26 13:28	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/20/26 10:10	01/20/26 13:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/20/26 10:10	01/20/26 13:28	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/20/26 10:10	01/20/26 13:28	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/20/26 10:10	01/20/26 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/20/26 10:10	01/20/26 13:28	1

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### Client Sample Results

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

**Client Sample ID: CS 02**

**Lab Sample ID: 890-9370-2**

Date Collected: 01/15/26 12:10

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: SURFACE

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	01/20/26 10:10	01/20/26 13:28	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/26 13:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/19/26 23:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/16/26 11:35	01/19/26 23:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/16/26 11:35	01/19/26 23:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/16/26 11:35	01/19/26 23:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	01/16/26 11:35	01/19/26 23:21	1
o-Terphenyl	100		70 - 130	01/16/26 11:35	01/19/26 23:21	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		9.94	mg/Kg			01/19/26 17:04	1

### Surrogate Summary

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9370-1	CS 01	102	97
890-9370-2	CS 02	106	97
890-9378-A-1-C MS	Matrix Spike	100	98
890-9378-A-1-D MSD	Matrix Spike Duplicate	110	95
LCS 880-129428/1-A	Lab Control Sample	102	95
LCSD 880-129428/2-A	Lab Control Sample Dup	110	95
MB 880-129428/5-A	Method Blank	100	94

**Surrogate Legend**  
 BFB = 4-Bromofluorobenzene (Surr)  
 DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67078-A-26-D MS	Matrix Spike	108	104
880-67078-A-26-E MSD	Matrix Spike Duplicate	137 S1+	105
890-9370-1	CS 01	110	101
890-9370-2	CS 02	106	100
LCS 880-129168/2-A	Lab Control Sample	105	95
LCSD 880-129168/3-A	Lab Control Sample Dup	107	98
MB 880-129168/1-A	Method Blank	153 S1+	125

**Surrogate Legend**  
 1CO = 1-Chlorooctane  
 OTPH = o-Terphenyl

### QC Sample Results

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

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

Lab Sample ID: MB 880-129428/5-A  
 Matrix: Solid  
 Analysis Batch: 129379

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129428

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/20/26 10:10	01/20/26 11:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/20/26 10:10	01/20/26 11:55	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/20/26 10:10	01/20/26 11:55	1

Lab Sample ID: LCS 880-129428/1-A  
 Matrix: Solid  
 Analysis Batch: 129379

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 129428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09147		mg/Kg		91	70 - 130
Toluene	0.100	0.08137		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08471		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1622		mg/Kg		81	70 - 130
o-Xylene	0.100	0.08567		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-129428/2-A  
 Matrix: Solid  
 Analysis Batch: 129379

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 129428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08788		mg/Kg		88	70 - 130	4	35
Toluene	0.100	0.08042		mg/Kg		80	70 - 130	1	35
Ethylbenzene	0.100	0.08480		mg/Kg		85	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1648		mg/Kg		82	70 - 130	2	35
o-Xylene	0.100	0.08656		mg/Kg		87	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-9378-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 129379

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 129428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08328		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.07130		mg/Kg		71	70 - 130

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### QC Sample Results

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

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

Lab Sample ID: 890-9378-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 129379

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 129428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07525		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1444		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U	0.100	0.07460		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9378-A-1-D MSD  
 Matrix: Solid  
 Analysis Batch: 129379

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 129428

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08496		mg/Kg		85	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.07454		mg/Kg		75	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07805		mg/Kg		78	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1502		mg/Kg		75	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.07791		mg/Kg		78	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-129168/1-A  
 Matrix: Solid  
 Analysis Batch: 129257

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129168

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 18:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 18:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 18:36	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130	01/16/26 11:35	01/19/26 18:36	1
o-Terphenyl	125		70 - 130	01/16/26 11:35	01/19/26 18:36	1

Lab Sample ID: LCS 880-129168/2-A  
 Matrix: Solid  
 Analysis Batch: 129257

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 129168

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	925.9		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	902.5		mg/Kg		90	70 - 130

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### QC Sample Results

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

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

**Lab Sample ID: LCS 880-129168/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129168**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	105		70 - 130
o-Terphenyl	95		70 - 130

**Lab Sample ID: LCSD 880-129168/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129168**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	948.6		mg/Kg		95	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	1000	925.6		mg/Kg		93	70 - 130	3		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	107		70 - 130
o-Terphenyl	98		70 - 130

**Lab Sample ID: 880-67078-A-26-D MS**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 129168**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	915.4		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	872.8		mg/Kg		87	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	108		70 - 130
o-Terphenyl	104		70 - 130

**Lab Sample ID: 880-67078-A-26-E MSD**  
**Matrix: Solid**  
**Analysis Batch: 129257**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 129168**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	897.6		mg/Kg		90	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	803.9		mg/Kg		80	70 - 130	8		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	105		70 - 130

### QC Sample Results

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129297/1-A  
 Matrix: Solid  
 Analysis Batch: 129329

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			01/19/26 16:19	1

Lab Sample ID: LCS 880-129297/2-A  
 Matrix: Solid  
 Analysis Batch: 129329

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.0		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-129297/3-A  
 Matrix: Solid  
 Analysis Batch: 129329

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 890-9371-A-6-D MS  
 Matrix: Solid  
 Analysis Batch: 129329

Client Sample ID: Matrix Spike  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	34.6		253	293.3		mg/Kg		102	90 - 110

Lab Sample ID: 890-9371-A-6-E MSD  
 Matrix: Solid  
 Analysis Batch: 129329

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.6		253	292.7		mg/Kg		102	90 - 110	0	20

## QC Association Summary

Client: Ensolum  
Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
SDG: 03C1558805

## GC VOA

## Analysis Batch: 129379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9370-1	CS 01	Total/NA	Solid	8021B	129428
890-9370-2	CS 02	Total/NA	Solid	8021B	129428
MB 880-129428/5-A	Method Blank	Total/NA	Solid	8021B	129428
LCS 880-129428/1-A	Lab Control Sample	Total/NA	Solid	8021B	129428
LCSD 880-129428/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129428
890-9378-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	129428
890-9378-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	129428

## Prep Batch: 129428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9370-1	CS 01	Total/NA	Solid	5035	
890-9370-2	CS 02	Total/NA	Solid	5035	
MB 880-129428/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129428/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129428/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9378-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9378-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 129486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9370-1	CS 01	Total/NA	Solid	Total BTEX	
890-9370-2	CS 02	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 129168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9370-1	CS 01	Total/NA	Solid	8015NM Prep	
890-9370-2	CS 02	Total/NA	Solid	8015NM Prep	
MB 880-129168/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129168/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67078-A-26-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67078-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 129257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9370-1	CS 01	Total/NA	Solid	8015B NM	129168
890-9370-2	CS 02	Total/NA	Solid	8015B NM	129168
MB 880-129168/1-A	Method Blank	Total/NA	Solid	8015B NM	129168
LCS 880-129168/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129168
LCSD 880-129168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129168
880-67078-A-26-D MS	Matrix Spike	Total/NA	Solid	8015B NM	129168
880-67078-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129168

## Analysis Batch: 129482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9370-1	CS 01	Total/NA	Solid	8015 NM	
890-9370-2	CS 02	Total/NA	Solid	8015 NM	

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### QC Association Summary

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

#### HPLC/IC

##### Leach Batch: 129297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9370-1	CS 01	Soluble	Solid	DI Leach	
890-9370-2	CS 02	Soluble	Solid	DI Leach	
MB 880-129297/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129297/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129297/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9371-A-6-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9371-A-6-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

##### Analysis Batch: 129329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9370-1	CS 01	Soluble	Solid	300.0	129297
890-9370-2	CS 02	Soluble	Solid	300.0	129297
MB 880-129297/1-A	Method Blank	Soluble	Solid	300.0	129297
LCS 880-129297/2-A	Lab Control Sample	Soluble	Solid	300.0	129297
LCSD 880-129297/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129297
890-9371-A-6-D MS	Matrix Spike	Soluble	Solid	300.0	129297
890-9371-A-6-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129297

### Lab Chronicle

Client: Ensolum  
 Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
 SDG: 03C1558805

**Client Sample ID: CS 01**

**Lab Sample ID: 890-9370-1**

Date Collected: 01/15/26 12:05

Matrix: Solid

Date Received: 01/16/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129428	01/20/26 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129379	01/20/26 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129486	01/20/26 13:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			129482	01/19/26 23:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 23:06	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 16:59	CS	EET MID

**Client Sample ID: CS 02**

**Lab Sample ID: 890-9370-2**

Date Collected: 01/15/26 12:10

Matrix: Solid

Date Received: 01/16/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129428	01/20/26 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129379	01/20/26 13:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129486	01/20/26 13:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			129482	01/19/26 23:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 23:21	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 17:04	CS	EET MID

**Laboratory References:**

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

### Accreditation/Certification Summary

Client: Ensolum  
Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
SDG: 03C1558805

#### Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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### Method Summary

Client: Ensolum  
Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
SDG: 03C1558805

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

**Protocol References:**

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

**Laboratory References:**

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



### Sample Summary

Client: Ensolum  
Project/Site: RAIDER COMPRESSOR STATION - SPILL

Job ID: 890-9370-1  
SDG: 03C1558805

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9370-1	CS 01	Solid	01/15/26 12:05	01/16/26 09:00	SURFACE
890-9370-2	CS 02	Solid	01/15/26 12:10	01/16/26 09:00	SURFACE

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# Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300  
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334  
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296  
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing  
 Xenco



Work Order No: \_\_\_\_\_

www.xenco.com Page 1 of 1

Project Manager: Tracy Hillard Bill to: (if different) Robert Woodall  
 Company Name: Ensolum Company Name: XTO Energy, Inc  
 Address: 3122 National Parks Hwy Address: 3104 E Greene St  
 City, State ZIP: Carlsbad, NM 88220 City, State ZIP: Carlsbad, NM 88220  
 Phone: 575 937 3906 Email: tracy.hillard@eurofins.com; robert.woodall@ensolum.com

Project Name: Raider Compressor Station - spill  
 Project Number: 03C1558 805  
 Project Location: 32.26349, -103.93141  
 Sampler's Name: Joshua Boxley  
 PO #: \_\_\_\_\_

**SAMPLE RECEIPT**  
 Samples Received Intact: Yes Temp Blank: Yes No No Wet Ice: Yes No No  
 Cooler Custody Seals: Yes No N/A Correction Factor: None  
 Sample Custody Seals: Yes No N/A Temperature Reading: 1.4  
 Total Containers: \_\_\_\_\_ Corrected Temperature: 1.2

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters			Pres. Code
							CHLORIDES (EPA: 300.0)	TPH	BTEX	
<u>CS01</u>	<u>Soil</u>	<u>1.15.26</u>	<u>1205</u>	<u>Surface Comp</u>	<u>1</u>	<u>1</u>				
<u>CS02</u>	<u>Soil</u>	<u>1.15.26</u>	<u>1210</u>	<u>Surface Comp</u>	<u>1</u>	<u>1</u>				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn  
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>1-16-26 8:35 am</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>1-16 900</u>

890-9370 Chain of Custody



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**Eurofins Carlsbad**

1089 N Canal St.  
 Carlsbad, NM 88220  
 Phone 575-988-3199 Fax: 575-988-3199

**Chain of Custody Record**



<b>Client Information (Sub Contract Lab)</b>		Sampler: N/A	Lab Pk.: Kramer, Jessica	COC No.: 890-6367-1															
Shipping/Receiving: Eurofins Environment Testing South Cent		Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	Page: 1 of 1															
Address: 1211 W. Florida Ave., Midland, TX, 79701		Due Date Requested: 1/22/2026	Accreditations Required (See note): NELAP - Texas	Job #: 890-9370-1															
City: Midland		TAT Requested (days): N/A	<b>Analysis Requested</b>																
State Zip: TX, 79701		PO #: N/A	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH																
Phone: 432-704-5440(Tel)		WO #: N/A	8015MOD_Calc																
Email: N/A		Project #: 89000110	300_ORGFM_28D/DI_LEACHChloride																
Project Name: RAIDER COMPRESSOR STATION - SPILL		Site: SSOV#: N/A	8021B/5035FP_Calc(MOD) BTEX																
Site: N/A		Matrix (Metal, Semimetal, Organic, AAs)	Total_BTEX_GCV																
Sample Identification - Client ID (Lab ID)		Field, Filtered, Sample (Yes or No)	Total Number of Containers																
Sample Date		Perform MS/MSD (Yes or No)	Special Instructions/Note:																
CS 01 (890-9370-1)	1/15/26	12:05 Mountain	G	Solid	X	X	X	X	X										
CS 02 (890-9370-2)	1/15/26	12:10 Mountain	G	Solid	X	X	X	X	X										

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/mark being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

**Possible Hazard Identification**

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) \_\_\_\_\_ Primary Deliverable Rank: 2

Special Instructions/QC Requirements: \_\_\_\_\_

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

Empty Kit Relinquished by \_\_\_\_\_ Date: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: 1-16 1630 Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact: \_\_\_\_\_ Custody Seal No: \_\_\_\_\_ Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_

3-7 | 3-0 = 1 TRK

**Eurofins Carlsbad**

1089 N Canal St.  
 Carlsbad, NM 88220  
 Phone: 575-988-3199 Fax: 575-988-3199

**Chain of Custody Record**



Environment Testing

**Client Information (Sub Contract Lab)**

Client Contact: N/A  
 Shipping/Receiving: N/A

Sampler: N/A  
 Phone: N/A  
 Lab Ptn. Kramer, Jessica  
 E-Mail: Jessica.Kramer@eurofins.com

Company: Eurofins Environment Testing South Cent  
 Address: 1211 W. Florida Ave,  
 City: Midland  
 State, zip: TX, 79701  
 Phone: 432-704-5440(Tel)  
 Email: N/A  
 Project Name: RAIDER COMPRESSOR STATION - SPILL  
 Site: N/A

Date Requested: 1/22/2026  
 TAT Requested (days): N/A  
 Carrier Tracking No(s): N/A  
 State of Origin: New Mexico

COC No: 890-6367-1  
 Page: Page 1 of 1  
 Job #: 890-9370-1  
 Preservation Codes:

Analysis Requested

**Analysis Requested**

Field/Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	
8015MOD_Calc	
300_ORGFM_28D/DI_LEACHChloride	
8021B/5035FP_Calc(MOD) BTEX	
Total_BTEX_GCV	

**Sample Identification - Client ID (Lab ID)**

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Mineral, Smelt, Overstall, or Trace Acid)	Preservation Code	Field/Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note
CS 01 (890-9370-1)	1/15/26	12 05	G	Solid		X	X	X	
CS 02 (890-9370-2)	1/15/26	12 10	G	Solid		X	X	X	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

**Possible Hazard Identification**

Unconfirmed  
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  Disposal By Lab  Archive For Months

**Empty Kit Relinquished by**

Relinquished by: [Signature]  
 Date/Time: 1-16-16 1630  
 Company: [Blank]

Received by: [Signature]  
 Date/Time: 1/16/26  
 Company: [Blank]

**Relinquished by**

Date/Time: [Blank]  
 Company: [Blank]

Received by: [Blank]  
 Date/Time: [Blank]  
 Company: [Blank]

**Custody Seals Intact:**

Δ Yes Δ No Custody Seal No. [Blank]

Cooler Temperature(s) °C and Other Remarks: 3.7 | 3.0 = 1 THS

### Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9370-1

SDG Number: 03C1558805

Login Number: 9370

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

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

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### Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9370-1

SDG Number: 03C1558805

**Login Number: 9370**

**List Number: 2**

**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**

**List Creation: 01/18/26 04:29 PM**

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

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## APPENDIX D

### Spill Volume Calculation

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<b>Location:</b>	<b>Raider Compressor Station</b>	
<b>Spill Date:</b>	<b>1/1/2026</b>	
<b>Incident #:</b>	<b>nAPP2600255913</b>	
<b>Area 1</b>		
Approximate Area =	50	sq. ft.
Average Saturation (or depth) of spill =	0	inches
Average Porosity Factor =	1	
<b>VOLUME OF LEAK</b>		
Total Lube Oil =	0.05	bbls
Total Produced Water =	0	bbls
<b>TOTAL VOLUME OF LEAK</b>		
Total Lube Oil =	0.05	bbls
Total Produced Water =	0	bbls
<b>TOTAL VOLUME RECOVERED</b>		
Total Crude Oil =	0	bbls
Total Produced Water =	0	bbls

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 568704

**QUESTIONS**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 568704
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2600255913
Incident Name	NAPP2600255913 RAIDER COMPRESSOR STATION @ G-36-23S-29E
Incident Type	Fire
Incident Status	Remediation Closure Report Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Raider Compressor Station
Date Release Discovered	01/01/2026
Surface Owner	State

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	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	Cause: Equipment Failure   Other (Specify)   Lube Oil   Released: 0 GAL   Recovered: 0 GAL   Lost: 0 GAL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Hydraulic oil line on a compressor unit leaked (0.05 bbls), and the liquid combusted, resulting in a fire. No liquid released onto surface, all was burned up in small fire.

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 568704

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 568704
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
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: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 03/31/2026
--	--

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 568704

**QUESTIONS (continued)**

Operator:  XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 568704
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be 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)	12.1
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	01/15/2026
On what date will (or did) the final sampling or liner inspection occur	01/15/2026
On what date will (or was) the remediation complete(d)	01/15/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

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

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Action 568704

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes

Other Non-listed Remedial Process. Please specify

Confirmation soil sampling activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the January 1, 2026 fire incident involving lube oil. Laboratory analytical results for soil samples collected adjacent to the compressor unit indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on laboratory analytical results, no further remediation activities are required.

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: Richard Kotzur  
Title: Senior Project Manager  
Email: NMEnvNotifications@exxonmobil.com  
Date: 03/31/2026

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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Action 568704

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 568704
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<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	No

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Action 568704

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 568704
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>540950</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>01/16/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>3</b>
What was the sampling surface area in square feet	<b>600</b>

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0

Summarize any additional remediation activities not included by answers (above)	Confirmation soil sampling activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the January 1, 2026 fire incident involving lube oil. Laboratory analytical results for soil samples collected adjacent to the compressor unit indicated that all COC concentrations were compliant with the Site Closure No impacted soil was identified at this Site as a result of the incident fire. Depth to groundwater is estimated to be greater than 100 feet bgs, and no nearby sensitive receptors were impacted by the incident. Confirmation soil sample laboratory analytical results are compliant with the Closure Criteria. Based on laboratory analytical results, no further remediation activities are required. XTO believes these remedial actions are protective of human health, the environment, and groundwater.
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*The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.*

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 03/31/2026
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Action 568704

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
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**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 568704

**CONDITIONS**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
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**CONDITIONS**

Created By	Condition	Condition Date
nvez	None	4/29/2026