ENSOLUM

December 23, 2025

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
PLU Ross Ranch 33-25-30 USA Battery
Incident Number nAPP2527230287
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Closure Request* to document the findings of a liner integrity inspection and delineation completed at the PLU Ross Ranch 33-25-30 USA Battery (Site) following a release of crude oil and produced water within a lined containment. Based on the liner integrity inspection activities and laboratory analytical results, XTO is submitting this *Closure Request*, describing the inspection results and requesting closure for Incident Number nAPP2527230287.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit D of Section 33, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.09290°, -103.89250°), and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On September 27, 2025, corrosion of the collar of the inlet created a pin hole that resulted in the release of approximately 2 barrels (bbls) of crude oil and approximately 8 bbls of produced water into a lined secondary containment. A vacuum truck was dispatched to the Site to recover free-standing fluids, and all fluids were recovered. The lined containment was power washed to remove any residual fluids. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) on September 29, 2025, and submitted an Initial C-141 Application (C-141) on September 29, 2025. The release was assigned Incident Number nAPP2527230287.

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.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is a New Mexico Office of the State Engineer (OSE) permitted temporary well (C-03782), located approximately 0.1 miles north of the Site. The well had a depth to groundwater of 277

feet bgs and a total depth of 805 feet bgs. All wells used for depth to groundwater determination are presented on Figure 1. The well record and log for C-03782 is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a riverine located approximately 3,120 feet northwest of the Site. 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 not underlain by potentially unstable geology (low 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)-gasoline range organics (GRO) and TPH-diesel range organcs (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

LINER INTEGRITY INSPECTION ACTIVITIES

The lined containment was cleaned of all debris and power washed, and a liner integrity inspection was conducted by Ensolum personnel on October 7, 2025. The lined containment was inspected, and it was determined to contain a small hole. Delineation to determine the extent of the release was warranted. A Site map of the lined containment is included in Figure 2. Photographic documentation of the inspection is included in Appendix B.

DELINEATION SOIL SAMPLING ACTIVITIES

On October 23, 2025, Ensolum personnel were at the Site to complete delineation activities. Four delineation soil samples (SS01 through SS04) were collected around the lined containment at a depth of 0.5 feet bgs to assess the lateral extent of the release. One borehole (BH01) was advanced via hand auger to a terminal depth of 1-foot bgs in the location of the liner hole. Discrete soil samples were collected from the borehole at depths ranging from 0.5 feet bgs to 1-foot bgs. All delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. Field screening results and observations of the soil samples from the borehole were logged on a lithologic soil sampling log, which is included in Appendix C. The delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix B.

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 Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01 through SS04 indicated all COCs were in compliance with Site Closure Criteria and reclamation requirement, confirming the lateral extent of the release. Delineation soil samples from borehole BH01 at 0.5 feet bgs and 1-foot bgs indicated all COCs were in compliance with Site Closure Criteria and reclamation requirement. Laboratory analytical results are summarized in Table 1 and the laboratory analytical reports are included in Appendix D.

CLOSURE REQUEST

Liner integrity inspection and delineation activities were conducted at the Site to address the September 2025 release of crude oil and produced water. Laboratory analytical results for the soil samples collected indicated that all COC concentrations were compliant with the most stringent Table I Closure Criteria. Based on the soil sample analytical results, no impacted soil was identified, and no further remediation was required. Ensolum patched the holes and tears in the liner following completion of delineation activities.

Delineation of potential impacts at this Site determined that no soil exceeding the Site Closure Criteria or reclamation requirement was located below the lined containment. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2527230287.

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

Sincerely,
Ensolum, LLC

Tabitha Guadian
Staff Geologist

Tacoma Morrissey
Associate Principal

Cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Record and Log
Appendix B	Photographic Log
Appendix C	Lithologic Soil Sampling Log
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation

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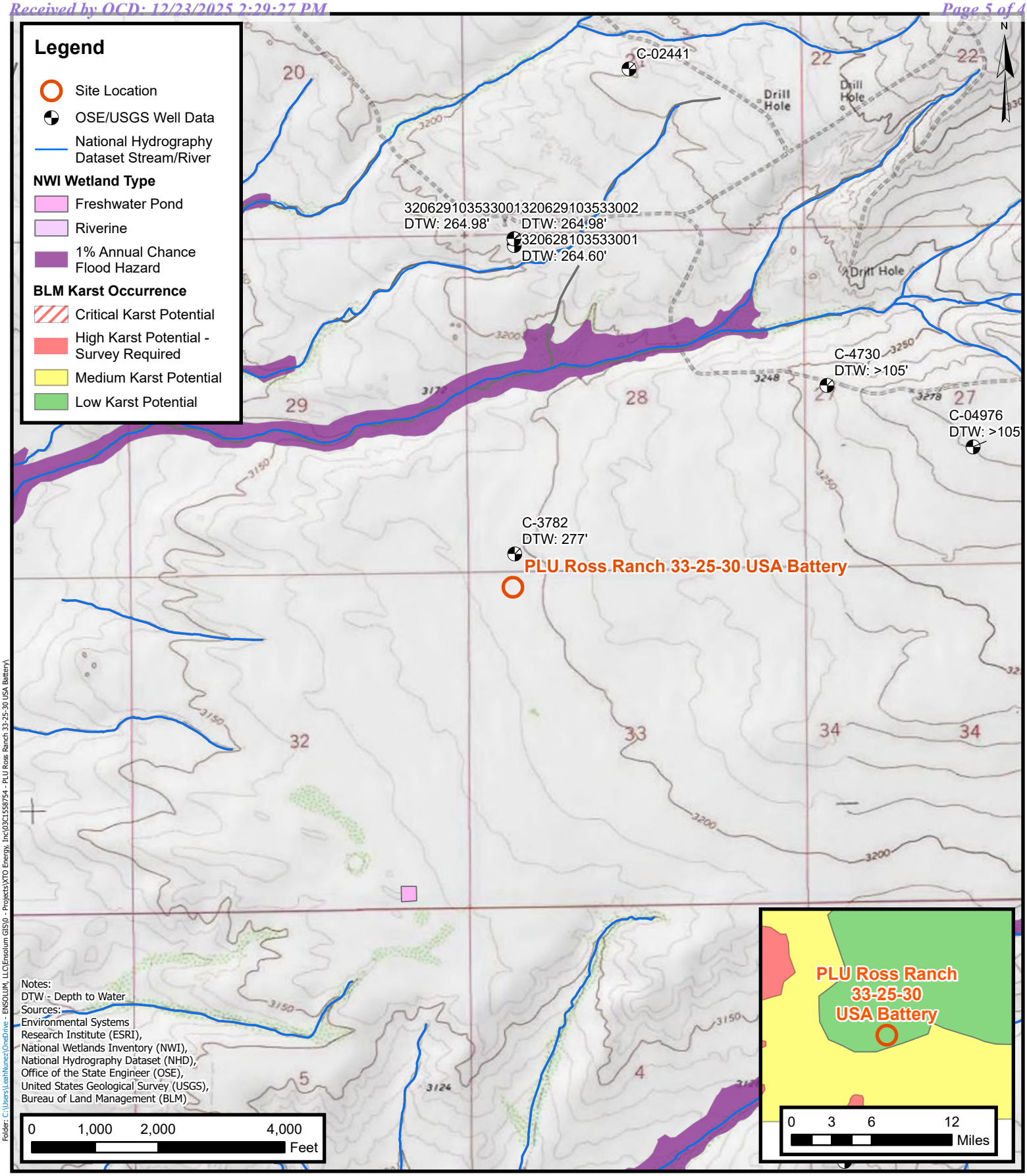
FIGURES



Folder: C:\Users\LeahNunez\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\XTO Energy, Inc\03C1558754 - PLU Ross Ranch 33-25-30 USA Battery\

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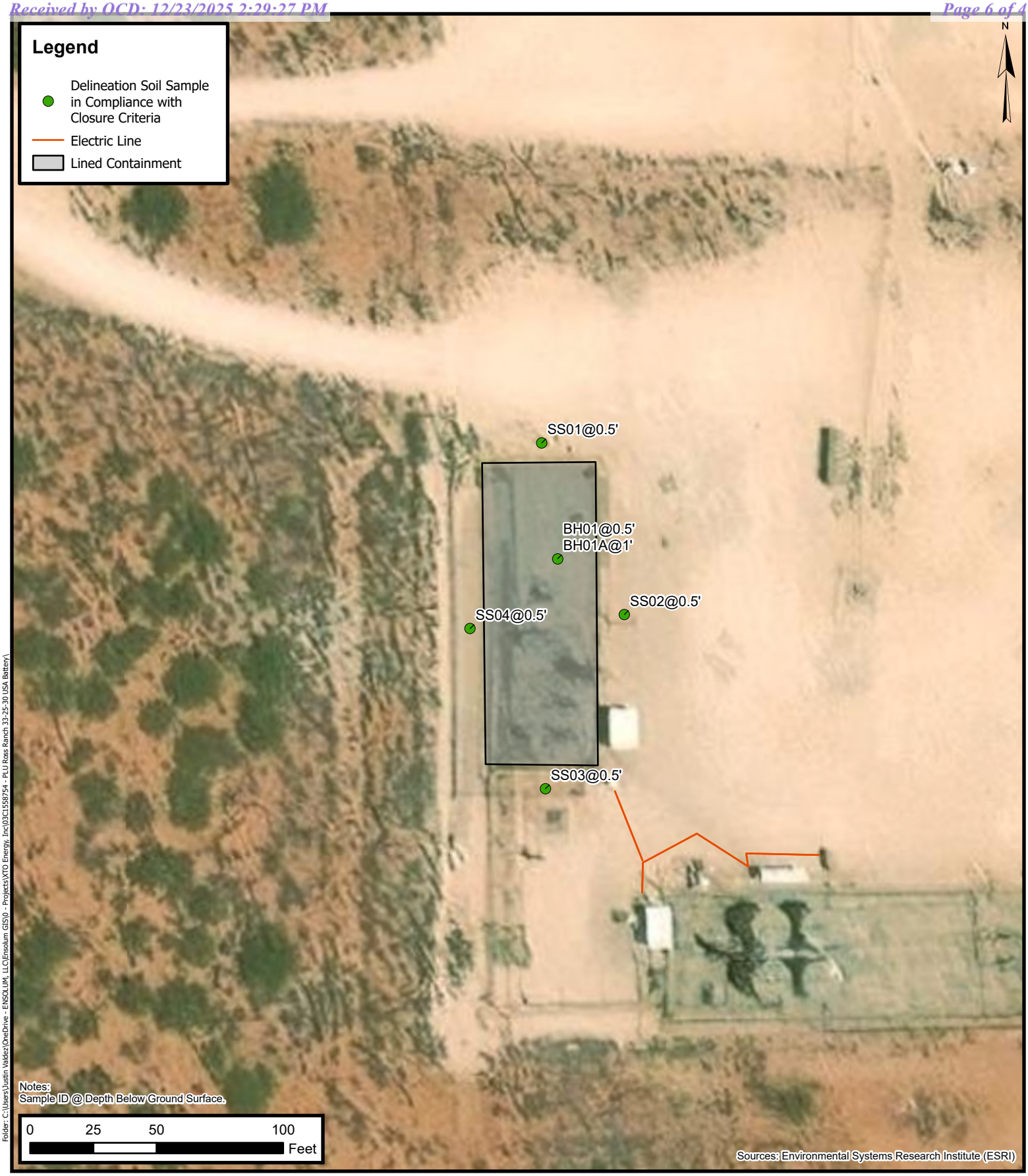
Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

XTO Energy, Inc
PLU Ross Ranch 33-25-30 USA Battery
Incident Number: nAPP2527230287
Unit D, Section 33, T 25S, R 30E
Eddy County, New Mexico

FIGURE 1



Folder: C:\Users\Justin Valdez\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\XTO Energy, Inc\03C1558754 - PLU Ross Ranch 33-25-30 USA Battery\

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Environmental, Engineering and Hydrogeologic Consultants

Delineation Soil Sample Locations

XTO Energy, Inc
PLU Ross Ranch 33-25-30 USA Battery
Incident Number: nAPP2527230287
Unit D, Section 33, T 25S, R 30E
Eddy County, New Mexico

FIGURE 2

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU Ross Ranch 33-25-30 USA Battery
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)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**20,000**
Delineation Soil Samples										
SS01	10/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS02	10/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS03	10/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS04	10/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
BH01	10/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
BH01A	10/23/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
NMOCD: New Mexico Oil Conservation Division
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
NMAC: New Mexico Administrative Code

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APPENDIX A

Referenced Well Record and Log

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER): POD-1 Renumbered C-3832-POD 2	OSE FILE NUMBER(S): C 3782 (Exploratory) Renumbered C-3832
WELL OWNER NAME(S): BOPCO, L.P.	PHONE (OPTIONAL): (817) 390-8662
WELL OWNER MAILING ADDRESS: 201 N Main St Suite 2900	CITY: Fort Worth STATE: TX ZIP: 76102

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	05	40.1	N
LONGITUDE	103	53	32.2	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

SW1/4SE1/4SW1/4SW1/4 of Section 28, Township 25 South, Range 30 East, in the NE corner of a well pad.

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
331	Joel H. Stewart	SBQ Drilling, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
01-16-15	01-17-15	805	±805	

COMPLETED WELL IS: (•) ARTESIAN ( ) DRY HOLE ( ) SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 277

DRILLING FLUID: ( ) AIR (•) MUD ADDITIVES – SPECIFY:

DRILLING METHOD: (•) ROTARY ( ) HAMMER ( ) CABLE TOOL ( ) OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	270	14.75	ASTM A53B	Welded	8.625	0.322	
270	805	14.75	304 Stainless Steel	Welded	8.625	0.25	16
0	15	19	ASTM A53B	---	16	0.25	

STATE ENGINEER OFFICE 2015 FEB 16 PM 2:35

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	120	14.75	Sand Mix Ready Mix	90.36	grav. tremie meas.
120	170	14.75	Hydrated Bentonite Chips	35.90	grav. tremie meas.
170	805	14.75	6/9 Silica Sand	455.95	Tremie Pipe

FOR OSE INTERNAL USE: Renumbered from C-3782-POD1 WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	POD NUMBER	TRN NUMBER
C-3832	POD 2	555125

LOCATION 25.30.28.3343 PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	30	30	Cemented Sand, light tan, sub-angular	○ Y ○ N	
30	40	10	Sandy Silt, light brown, sub-angular	○ Y ○ N	
40	60	20	Sandy clay, reddish brown	○ Y ○ N	
60	80	20	Silty Sand, light brown, sub-angular	○ Y ○ N	
80	250	170	Fine to Medium Sand, light tan, sub-angular to rounded	○ Y ○ N	
250	260	10	Clayey Sand, brown, sub-angular	○ Y ○ N	
260	320	60	Fine Sand, light tan, sub-angular	◉ Y ○ N	
320	380	60	Silty Sand, brownish gray, sub-angular	◉ Y ○ N	
380	410	30	Fine Sand, dark gray, sub-angular	◉ Y ○ N	
410	530	120	Clayey Fine Sand, dark gray, sub-angular	◉ Y ○ N	
530	590	60	Sandy Clay, dark gray, sub-angular	◉ Y ○ N	
590	600	10	Clayey Fine Sand, dark gray, sub-angular	◉ Y ○ N	
600	630	30	Sandy Clay, dark gray, sub-angular	◉ Y ○ N	
630	650	20	Clayey Sand, dark gray, sub-angular	◉ Y ○ N	
650	700	50	Sandy Clay, dark gray, sub-angular	◉ Y ○ N	
700	710	10	Clayey Sand, brown and gray, sub-angular	◉ Y ○ N	
710	760	50	Sandy Clay, dark gray, sub-angular	◉ Y ○ N	
760	770	10	Clay, 75% gray, 25% red	◉ Y ○ N	
770	780	10	Clay, 50% gray, 50% red	◉ Y ○ N	
780	790	10	Clay, 25% gray, 75% red	◉ Y ○ N	
790	805	15	Sandy Clay, Grayish red, 10% white sand.	◉ Y ○ N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ○ PUMP ○ AIR LIFT ○ BAILER ◉ OTHER – SPECIFY: TBD by pump test

TOTAL ESTIMATED WELL YIELD (gpm): TBD

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

Pump test will be performed at a later time.
Hydrated Bentonite Chips and Sand Mix Ready Mix were placed by gravity and tagged with tremie pipe.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Silverio Galindo, Gabriel Armijo, Pedro Pizano

STATE ENGINEER OFFICE ROSWELL, NEW MEXICO 2015 FEB 19 PM 2 35

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Joel H. Stewart — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

2-13-15 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-3632	POD NUMBER	POD 2	TRN NUMBER	555125
LOCATION	25.30.28.3343				PAGE 2 OF 2

Locator Tool Report

General Information:

Application ID:27 Date: 05-28-2015 Time: 12:01:24

WR File Number: C-03782-POD1
Purpose: POINT OF DIVERSION

Applicant First Name: BOPCO EXPLORATORY WELL DRILLERS RECORD
Applicant Last Name: RENUMBERED C-3832-POD2

GW Basin: CARLSBAD
County: EDDY

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SW 1/4 of SE 1/4 of SW 1/4 of SW 1/4 of Section 28, Township 25S, Range 30E.

Coordinate System Details:

Geographic Coordinates:

Latitude:	32 Degrees	5 Minutes	40.1 Seconds	N
Longitude:	103 Degrees	53 Minutes	32.2 Seconds	W

Universal Transverse Mercator Zone: 13N

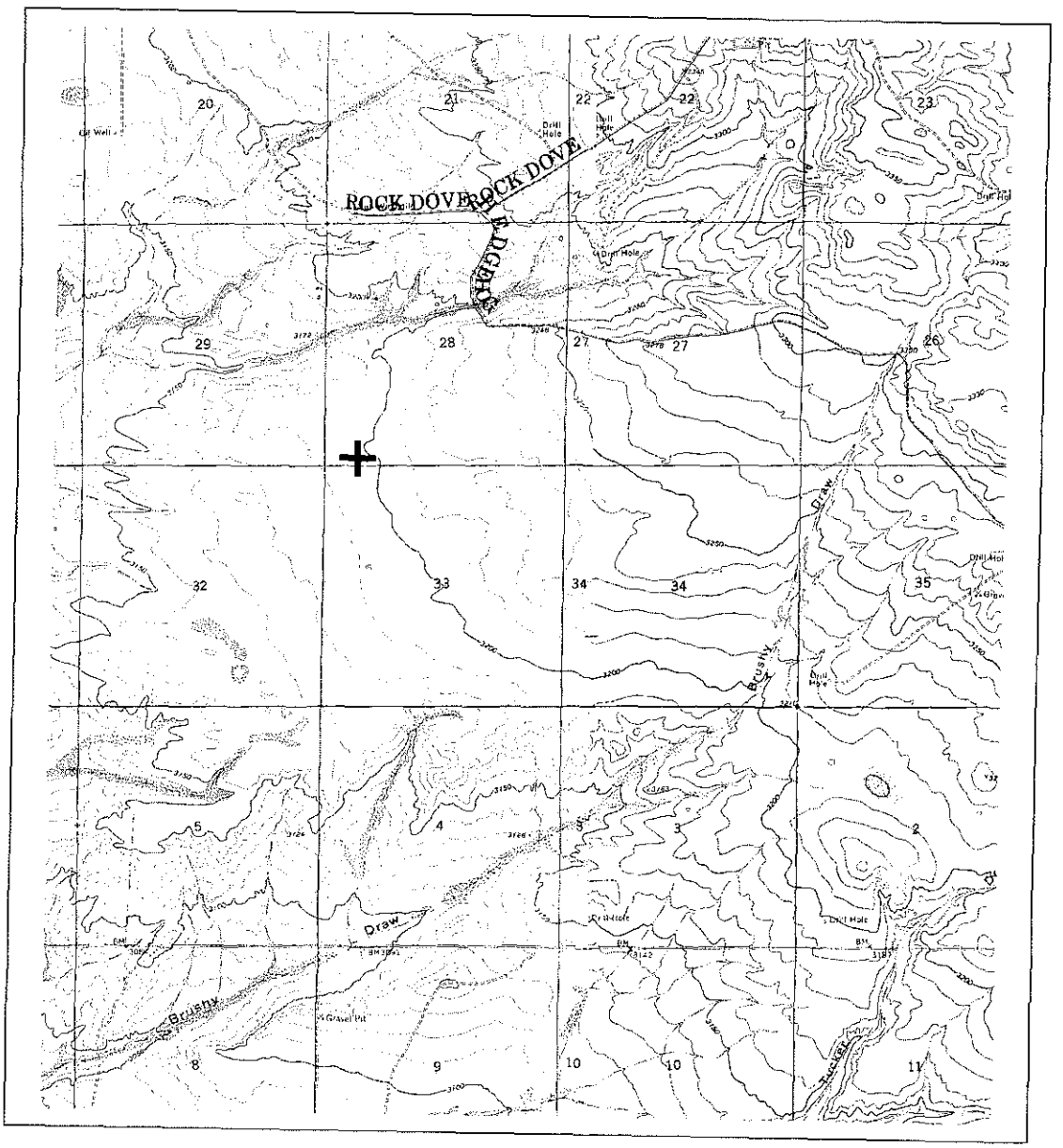
NAD 1983(92) (Meters)	N: 3,551,444	E: 604,526
NAD 1983(92) (Survey Feet)	N: 11,651,697	E: 1,983,348
NAD 1927 (Meters)	N: 3,551,243	E: 604,573
NAD 1927 (Survey Feet)	N: 11,651,036	E: 1,983,505

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 121,428	E: 206,630
NAD 1983(92) (Survey Feet)	N: 398,385	E: 677,920
NAD 1927 (Meters)	N: 121,410	E: 194,077
NAD 1927 (Survey Feet)	N: 398,327	E: 636,734

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: C-03782-POD1 Scale: 1:47,832

Northing/Easting: UTM83(92) (Meter): N: 3,551,444 E: 604,526

Northing/Easting: SPCS83(92) (Feet): N: 398,385 E: 677,920

GW Basin: Carlsbad

Print Date: 05/28/2015

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APPENDIX B

Photographic Log

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Photographic Log
XTO Energy, Inc.
PLU Ross Ranch 33-35-30 USA Battery
Eddy County, New Mexico

Photograph: 1 Date: 09/27/2025
Description: Initial release observed for Incident Number nAPP2527230287

POR located at approximately 32.09331°, -103.89309°

Photograph: 2 Date: 10/07/2025
Description: Well sign during liner inspection activities

View: South

Photograph: 3 Date: 10/07/2025
Description: Liner inspection activities

View: Northeast

Photograph: 4 Date: 10/07/2025
Description: POR for Incident Number nAPP2527230287 observed during liner inspection activities.

View: Southwest

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Photographic Log
XTO Energy, Inc.
PLU Ross Ranch 33-35-30 USA Battery
Eddy County, New Mexico

Photograph: 5 Date: 10/07/2025
Description: Liner inspection activities

View: Northwest

Photograph: 6 Date: 10/07/2025
Description: Liner inspection activities

View: Southeast

Photograph: 7 Date: 10/07/2025
Description: Liner inspection activities

View: South

Photograph: 8 Date: 10/07/2025
Description: Damage and breach in the liner observed

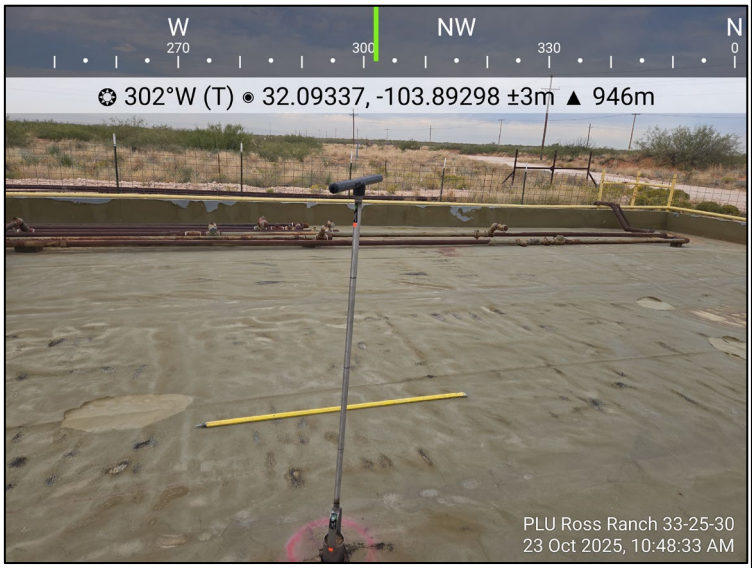
View: Northwest

ENSOLUM

Photographic Log
XTO Energy, Inc.
PLU Ross Ranch 33-35-30 USA Battery
Eddy County, New Mexico

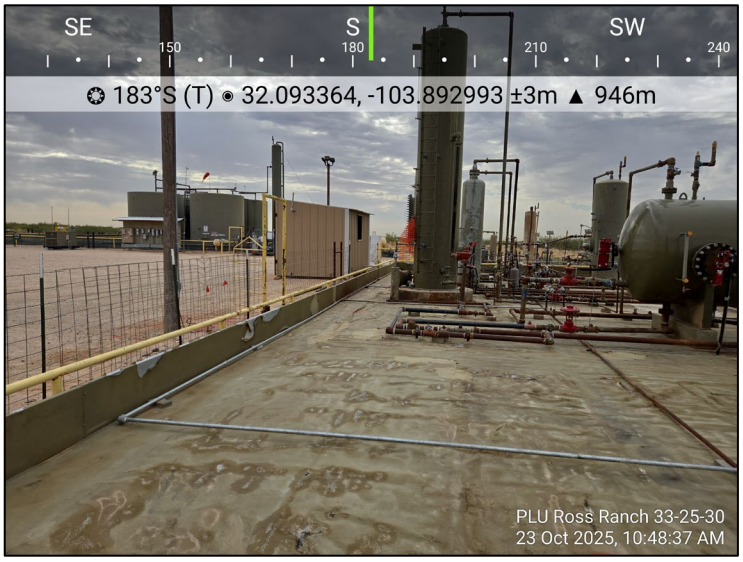
Photograph: 9 Date: 10/07/2025
Description: Damage and breach in the liner observed

View: West



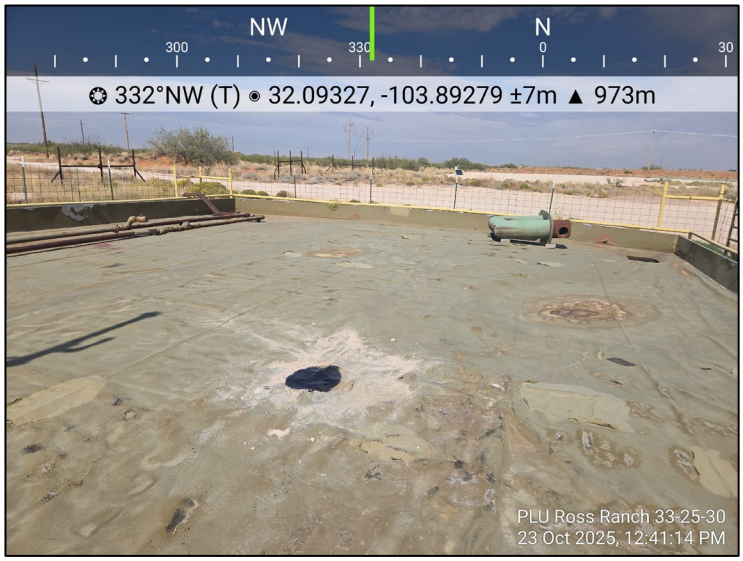
Photograph: 10 Date: 10/07/2025
Description: Delineation activities, BH01, at breach in the liner

View: Northwest



Photograph: 11 Date: 10/23/2025
Description: Observation of line following cleaning and delineation activities

View: South



Photograph: 12 Date: 10/23/2025
Description: Liner patching activities at BH01

View: Northwest

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APPENDIX C

Lithologic Soil Sampling Logs

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	Sample Name: BH01	Date: 10/23/2025
	Site Name: PLU Ross Ranch 33-25-30 USA Battery	
	Incident Number: nAPP2527230287	
	Job Number: 03C1558754	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: JD	Method: Hand Auger
Coordinates: 32.0933675, -103.8930321	Hole Diameter: 3"	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	(0-0.5')- Caliche, tan, well-graded, no odor
D	369.6	0.0	N	BH01	0.5	0.5		
D	280	0.0	N	BH01A	1	1	CCHE	(0.5'-1')- Caliche, tan, well-graded, no odor

Total Depth @ 1 foot below ground surface (bgs)

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APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

CARDINAL Laboratories

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

October 28, 2025

JEREMY REICH

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU ROSS RANCH 33-25-30

Enclosed are the results of analyses for samples received by the laboratory on 10/24/25 9:43.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	10/24/2025	Sampling Date:	10/23/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	PLU ROSS RANCH 33-25-30	Sampling Condition:	Cool & Intact
Project Number:	03C1558754	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.09279-103.89216		

Sample ID: SS02 .5' (H256713-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.70	84.8	2.00	2.51	
Toluene*	<0.050	0.050	10/24/2025	ND	1.81	90.7	2.00	0.0584	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	1.84	92.2	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	5.79	96.4	6.00	0.779	
Total BTEX	<0.300	0.300	10/24/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2025	ND	204	102	200	2.33	
DRO >C10-C28*	<10.0	10.0	10/27/2025	ND	211	105	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	10/27/2025	ND					

Surrogate: 1-Chlorooctane *91.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	10/24/2025	Sampling Date:	10/23/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	PLU ROSS RANCH 33-25-30	Sampling Condition:	Cool & Intact
Project Number:	03C1558754	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.09279-103.89216		

Sample ID: SS03 .5' (H256713-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.70	84.8	2.00	2.51	
Toluene*	<0.050	0.050	10/24/2025	ND	1.81	90.7	2.00	0.0584	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	1.84	92.2	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	5.79	96.4	6.00	0.779	
Total BTEX	<0.300	0.300	10/24/2025	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	**80.0**	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2025	ND	204	102	200	2.33	
DRO >C10-C28*	<10.0	10.0	10/27/2025	ND	211	105	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	10/27/2025	ND					

Surrogate: 1-Chlorooctane *75.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	10/24/2025	Sampling Date:	10/23/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	PLU ROSS RANCH 33-25-30	Sampling Condition:	Cool & Intact
Project Number:	03C1558754	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.09279-103.89216		

Sample ID: SS04 .5' (H256713-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.70	84.8	2.00	2.51	
Toluene*	<0.050	0.050	10/24/2025	ND	1.81	90.7	2.00	0.0584	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	1.84	92.2	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	5.79	96.4	6.00	0.779	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *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	**464**	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2025	ND	204	102	200	2.33	
DRO >C10-C28*	<10.0	10.0	10/27/2025	ND	211	105	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	10/27/2025	ND					

Surrogate: 1-Chlorooctane *76.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.6 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	10/24/2025	Sampling Date:	10/23/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	PLU ROSS RANCH 33-25-30	Sampling Condition:	Cool & Intact
Project Number:	03C1558754	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.09279-103.89216		

Sample ID: SS01 .5' (H256713-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.70	84.8	2.00	2.51	
Toluene*	<0.050	0.050	10/24/2025	ND	1.81	90.7	2.00	0.0584	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	1.84	92.2	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	5.79	96.4	6.00	0.779	
Total BTEX	<0.300	0.300	10/24/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2025	ND	204	102	200	2.33	
DRO >C10-C28*	<10.0	10.0	10/27/2025	ND	211	105	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	10/27/2025	ND					

Surrogate: 1-Chlorooctane *72.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Jeremy Reich	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: 432-296-0627 **Fax #:**	**Address:** 3104 E Greene ST
Project #: 03C1558754 **Project Owner:** XTO Energy	**City:** Midland
Project Name: PLU Ross Ranch 33-25-30	**State:** TX **Zip:** 88220
Project Location: 32.09279, -103.89216	**Phone #:**
Sampler Name: Jesse Dorman	**Fax #:**

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500
H25671 3	~~SS01~~ SD																	
1	SS02	.5'	G	1			X					X		10/23/25	925	X	X	X
2	SS03														956			
3	SS04														1005			
4	SS01														912			
		SD																

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. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

CS - 0402401K

Relinquished By:	**Date:** 10.24.25 **Time:** 0943	**Received By:**
Relinquished By:	**Date:** **Time:**	**Received By:**
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.8 Corrected Temp. °C 5.1	**Sample Condition** Cool: Yes / No Intact: Yes / No **CHECKED BY:** (Initials)

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:**

All Results are emailed. Please provide Email address: JReich@ensolum.com
BBelill@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com

REMARKS: Incident Number: NAPP2510437615
GFCM 48605000 Cost Center: 1081111001

Turnaround Time: ☐ Standard ☑ Rush 48hr
Thermometer ID #113
Correction Factor -0.3°C

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

+0.3c +0.10/24/25

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

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

October 28, 2025

JEREMY REICH

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU ROSS RANCH 33-25-30

Enclosed are the results of analyses for samples received by the laboratory on 10/24/25 9:43.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	10/24/2025	Sampling Date:	10/23/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	PLU ROSS RANCH 33-25-30	Sampling Condition:	Cool & Intact
Project Number:	03C1558754	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.09279-103.89216		

Sample ID: BH01 .5' (H256714-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.70	84.8	2.00	2.51	
Toluene*	<0.050	0.050	10/24/2025	ND	1.81	90.7	2.00	0.0584	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	1.84	92.2	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	5.79	96.4	6.00	0.779	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *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	**400**	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2025	ND	204	102	200	2.33	
DRO >C10-C28*	<10.0	10.0	10/27/2025	ND	211	105	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	10/27/2025	ND					

Surrogate: 1-Chlorooctane *90.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
JEREMY REICH
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	10/24/2025	Sampling Date:	10/23/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	PLU ROSS RANCH 33-25-30	Sampling Condition:	Cool & Intact
Project Number:	03C1558754	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.09279-103.89216		

Sample ID: BH01A 1' (H256714-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.70	84.8	2.00	2.51	
Toluene*	<0.050	0.050	10/24/2025	ND	1.81	90.7	2.00	0.0584	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	1.84	92.2	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	5.79	96.4	6.00	0.779	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *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	**400**	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2025	ND	204	102	200	2.33	
DRO >C10-C28*	<10.0	10.0	10/27/2025	ND	211	105	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	10/27/2025	ND					

Surrogate: 1-Chlorooctane *90.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Jeremy Reich	P.O. #:
Address: 601 N Marienfeld Street, Suite 400	Company: XTO Energy Inc
City: Midland State: TX Zip: 79701	Attn: Colton Brown
Phone #: 432-296-0627 Fax #:	Address: 3104 E Greene ST
Project #: 03C1558754 Project Owner: XTO Energy	City: Midland
Project Name: PLU Ross Ranch 33-25-30	State: TX Zip: 88220
Project Location: 32.09279, -103.89216	Phone #:
Sampler Name: Jesse Dorman	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500
H256714-1	BH01	0.5'	G	1			✓					✓		10/23/25	1050	✓	✓	✓
2	BH01A	1'	↓	1			✓					✓		↓	1055	✓	✓	✓

ANALYSIS REQUEST

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. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

CS - 0402401K

Relinquished By:	Date: 10.24.25 Time: 0943	Received By:
Relinquished By:	Date: Time:	Received By:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.8 Corrected Temp. °C 5.1	Sample Condition: Cool ✓ Yes, Intact ✓ Yes / No / No — CHECKED BY: (Initials)

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address: JReich@ensolum.com
BBelill@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com

REMARKS: Incident Number: NAPP2510437615
GFCM 48605000 Cost Center: 1081111001

Turnaround Time: ☐ Standard ✓ Rush — Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No, Intact ☐ Yes ☐ No

Thermometer ID #113 Correction Factor -0.5°C

Observed Temp. °C 10.3 Corrected Temp. °C 10.8

10.24.25

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21

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

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 537329
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2527230287**
Incident Name	**NAPP2527230287 PLU ROSS RANCH 33-25-30 USA BATTERY @ D-33-25S-30E**
Incident Type	**Release Other**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PLU Ross Ranch 33-25-30 USA Battery
Date Release Discovered	09/27/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion | Other (Specify) | Crude Oil | Released: 2 BBL | Recovered: 2 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Other (Specify) | Produced Water | Released: 8 BBL | Recovered: 8 BBL | Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Collar of the inlet developed a pin hole

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 (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 537329
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 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: NMEnvNotifications@exxonmobil.com Date: 12/23/2025

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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 (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 537329
	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	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 ½ and 1 (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 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (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
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.	
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)	464
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
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	09/27/2025
On what date will (or did) the final sampling or liner inspection occur	10/23/2025
On what date will (or was) the remediation complete(d)	10/23/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	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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QUESTIONS (continued)

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	Action Number: 537329
	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 **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	No impacted soil identified; no soil removed.
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: 12/23/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 537329
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**515905**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**10/23/2025**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**2000**

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)	Liner integrity inspection and delineation activities were conducted at the Site to address the September 2025 and October 2025 releases of crude oil and produced water. Laboratory analytical results for the soil samples collected indicated that all COC concentrations were compliant with the most stringent Table I Closure Criteria. Based on the soil sample analytical results, no impacted soil was identified, and no further remediation was required. Ensolum patched all holes and tears in the liner following completion of delineation activities. Delineation of potential impacts at this Site determined that no soil exceeding the Site Closure Criteria was located below the lined containment. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater.

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: 12/23/2025

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QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	5380
	Action Number: 537329
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 537329

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 537329
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2527230287 PLU Ross Ranch 33-25-30 USA Battery, thank you. This Remediation Closure Report is approved.	1/8/2026