

October 16, 2025

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request

JRU to PLU Produced Water Pipeline Incident Number nAPP2504826528 Facility ID fAPP2123046888 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 excavation, and soil sampling activities performed at the JRU to PLU Produced Water Pipeline (Site). The purpose of excavation and soil sampling activities was to address impacted soil from a release of produced water at the Site. XTO is submitting this *Closure Request*, describing excavation activities that have occurred and requesting no further remediation for Incident Number nAPP2504826528.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit F, Section 02, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.24722°, -103.855172°) 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 E052290011.

On February 14, 2025, pipeline corrosion resulted in the release of 36 barrels (bbls) of produced water onto the adjacent pipeline right-of-way (ROW) and pasture area. A vacuum truck was dispatched and 2 bbls of fluid were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) and Initial C-141 Application (C-141) on February 17, 2025, and the release was assigned Incident Number nAPP2504826528.

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 greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. On August 14, 2025, New Mexico Office of State Engineer (OSE) permitted soil boring (C-4984) was advanced to a depth of 110 feet bgs via air rotary drilling method.

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, NM 88220 | ensolum.com

The borehole was located approximately 0.35 miles northwest of the Site and is depicted on Figure 1. A field geologist logged and described soils continuously. The borehole 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 110 feet bgs. The borehole was properly abandoned using hydrated bentonite chips. The Well Record & Log are provided in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a dry wash located approximately 5,415 feet southeast 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 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 organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of ROW and pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

NMSLO CULTURAL RESOURCES AND BIOLOGICAL REVIEW

Cultural Properties Protection

The release was identified in the pasture and, as a result, the release location was assessed for determination of whether the release encroached into undisturbed areas to comply with the Cultural Properties Protection Rule (CPP) prior to disturbing the surface with mechanical equipment. An Archaeological Records Management System (ARMS) review was performed for the release extent prior to excavation. No cultural resources were identified within and/or around the release extent requiring remediation efforts. The NMSLO CPP Rule memorandum is attached in Appendix B.

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 UnitedStates Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical habitats at the Site. Habitats for Texas Hornshell Clam and Piping Plover were identified as potentially being present in nearby areas, but none



were observed at the Site. A review of the Bureau of Land Management (BLM) New Mexico Plant Wildlife Habitat maps indicated that there are potential Scheer's beehive cactus located near the Site.

- The Site is not located within an area of possible range of the Lesser Prairie Chicken habitat based on a review of NMSLO Candidate Conservation Agreement (CCAA) map.
- No environmentally sensitive receptors were located near the Site, as determined by the Site Characterization.
- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as Kermit-Berino fine sands. The Kermit-Berino fine sands is not considered a sensitive soil per the NMSLO guidelines.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

Following land access approval, Ensolum personnel conducted site assessment activities to evaluate the release extent based on information provided on the C-141 and visual observations. On April 16, 2025, five delineation soil samples, SS01 through SS05, were collected around the release extent from a depth of 0.5 feet bgs to assess the lateral extent of the release. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix C. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

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 (COC): 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 for all delineation soil samples indicated all COCs were in compliance with Closure Criteria and reclamation requirements. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included in Appendix D. Based on soil staining present and field screenings within the release extent indicating the presence of impacted soil, excavation of impacted and/or waste containing soil was warranted.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Between June 2 and June 3, 2025, Ensolum personnel returned to the Site to oversee excavation of impacted soil. Excavation activities were performed by the use of heavy equipment. To direct excavation activities, soil was field screened for VOCs and chloride as described above. Once field screening results indicated impacted and/or waste-containing soil was adequately removed, 5-point composite soil samples were collected every 200 square feet from the floor and sidewalls of the excavation extent. 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. Confirmation soil samples FS01 through FS04 were collected from the floor of the excavation at a depth of 4 feet bgs. Confirmation soil samples SW01 through SW04 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 4 feet bgs. The soil samples were handled, transported, and submitted as described above to Cardinal in Hobbs, New Mexico. The excavation extent and confirmation soil sample



locations are depicted on Figure 3, respectively. Photographic documentation of the excavation activities is provided in Appendix C.

The final excavation extent measured approximately 550 square feet. A total of approximately 80 cubic yards of impacted and/or waste-containing soil were removed during the excavation activities. The impacted and/or waste-containing soil removed was transported and disposed of at the R360 Halfway Disposal Facility in Hobbs, New Mexico. The excavation has been backfilled with material purchased locally and the area was recontoured to match pre-existing Site conditions. One representative 5-point composite sample (BF01) was collected from the topsoil backfill material on September 24, 2025. The backfill soil sample was transported under strict chain-of-custody procedures to Eurofins Laboratory (Eurofins) in Carlsbad, New Mexico and analyzed for the same COCs with the exception of chloride which was analyzed utilizing EPA method 300.0.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final confirmation soil samples indicated all COCs were in compliance with the Closure Criteria and reclamation requirement. Laboratory analytical results for backfill soil sample, BF01, confirmed compliance with reclamation requirements. The laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix D.

RECLAMATION PLAN

The Site will be seeded with NMSLO loamy sites seed mix at the rate specified in pounds of pure live seed (PLS) per acre.

Common Name	Variety	PLS/Acre
Black grama	VNS, Southern	1.0
Blue grama	Lovington	1.0
Sideoats grama	Vaughn, El Reno	4.0
Sand dropseed	VNS, Southern	2.0
Alkali sacaton	VNS, Southern	1.0
Little bluestem	Cimarron, Pastura	1.5

The seed mix will be applied via drill seeding or broadcast seeding. If broadcast seeding is selected, the PLS/acre will be doubled and the seed will be raked in by chaining or dragging the Site. Reclamation activities will be documented via on-site monitoring and photographs will be included in a *Re-Vegetation Report*.

CLOSURE REQUEST

Excavation activities were conducted at the Site to address the February 14, 2025, release of produced water. Laboratory analytical results for all confirmation soil samples submitted indicated all COC concentrations were compliant with the Site Closure Criteria and reclamation requirements. Based on soil sample laboratory analytical results, no further remediation is required. The excavation has been backfilled with material purchased locally and the area was recontoured to match pre-existing Site conditions.



A *Re-vegetation Report* will be submitted to the NMOCD once vegetation growth in the reclaimed pasture area has uniform vegetative cover that reflects a life-form ratio of plus or minus 50 percent (%) of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds, per NMAC 19.15.29.13 D.(3).

Excavation of soil has mitigated impacted soil from the Site. 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 nAPP2504826528.

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

Sincerely,

Ensolum, LLC

Tracy Hillard Project Engineer

Tacoma Morrissey Associate Principal

nouissey

cc: Robert Woodall, XTO

Richard Kotzur, XTO

NMSLO

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Figure 3 Confirmation Soil Sample Locations
Table 1 Soil Sample Analytical Results
Appendix A Referenced Well Records

Appendix B NMSLO CPP Rule Memorandum

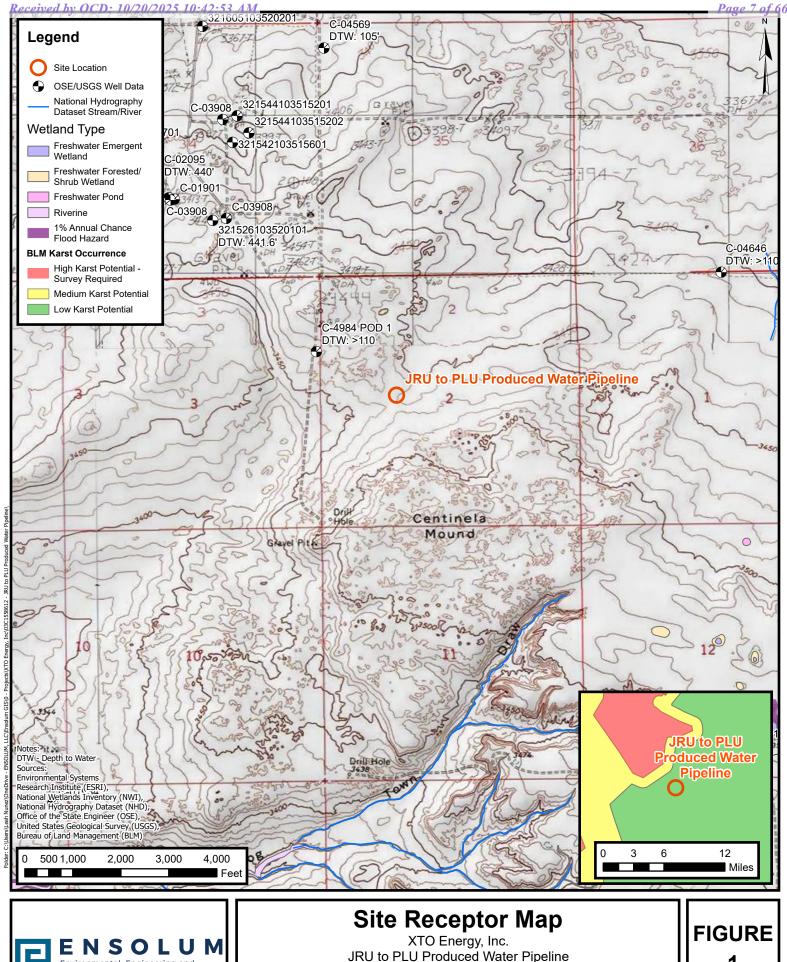
Appendix C Photographic Log

Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix E NMOCD Correspondence and Spill Volume Calculation



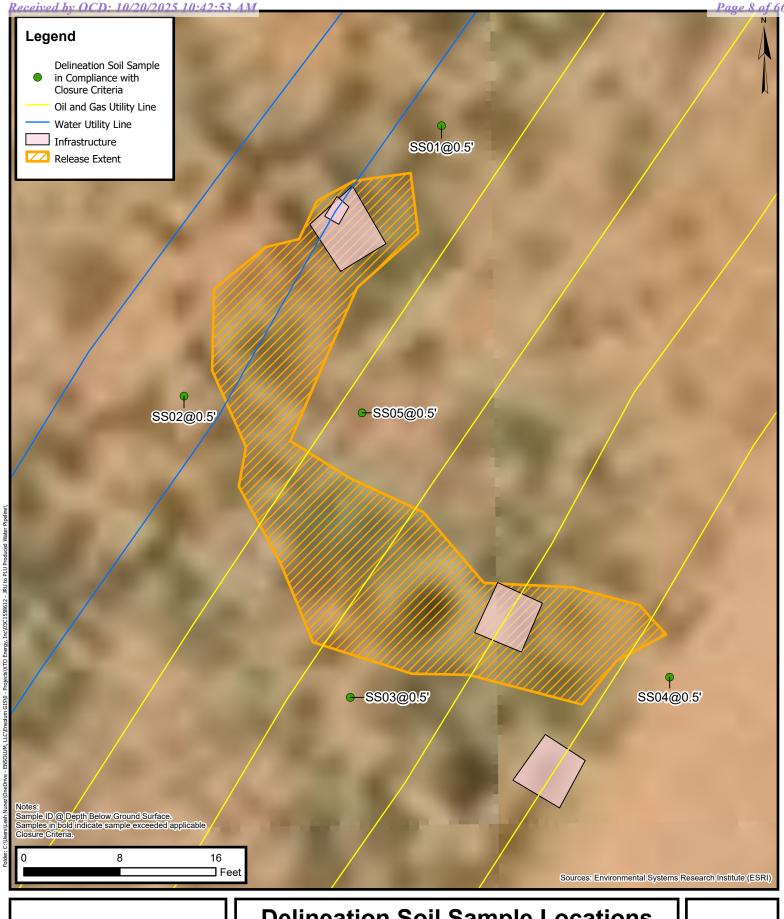
FIGURES





Incident Number: nAPP2504826528 Unit F, Section 02, T 24S, R 30E Eddy County, New Mexico

Released to Imaging: 11/5/2025 11:30:54 AM



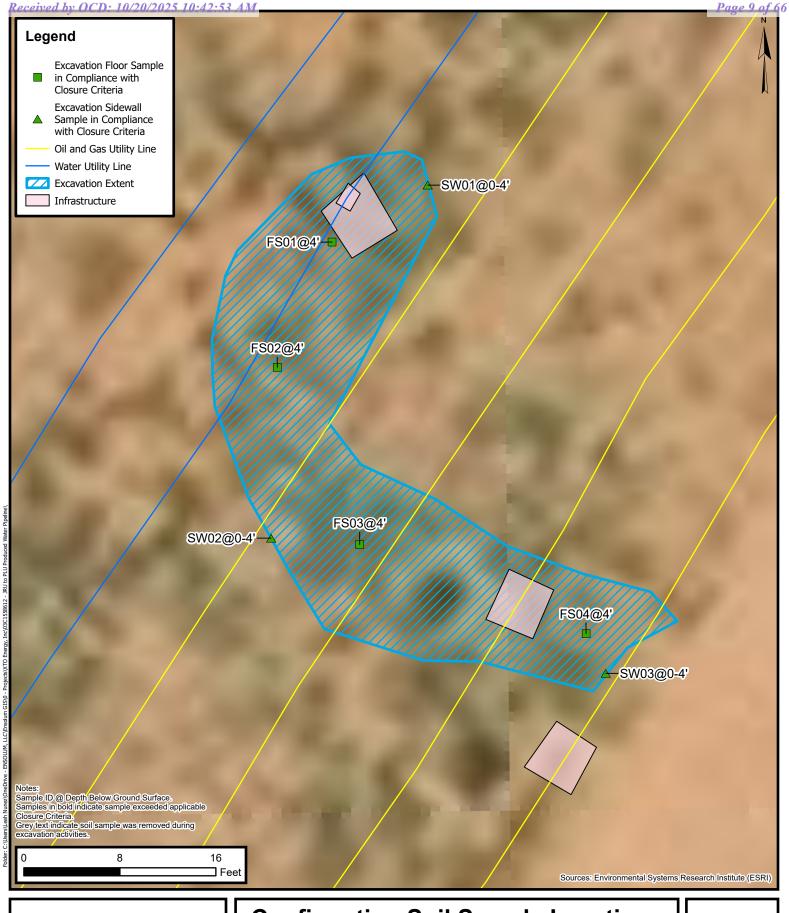


Delineation Soil Sample Locations

XTO Energy, Inc. JRU to PLU Produced Water Pipeline Incident Number: nAPP2504826528 Unit F, Section 02, T 24S, R 30E Eddy County, New Mexico

FIGURE 2

Released to Imaging: 11/5/2025 11:30:54 AM





Confirmation Soil Sample Locations

XTO Energy, Inc.
JRU to PLU Produced Water Pipeline
Incident Number: nAPP2504826528
Unit F, Section 02, T 24S, R 30E
Eddy County, New Mexico

FIGURE 2



TABLES



TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS JRU to PLU Produced Water Pipeline** 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 Cl	osure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000			
				Delir	neation Soil Sar	nples							
SS01	04/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0			
SS02	04/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0			
SS03	04/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0			
SS04	04/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0			
SS05	04/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0			
				Confi	rmation Soil Sa	mples							
NMOCD Table Closure Criteria (NMAC 19.15.29) 10 50 NE NE NE 1,000 2,500 20,000													
NMOCD Table Closure Criteria (NMAC 19.15.29) 10 50 NE NE NE NE 1,000 2,500 20,000													
FS03	06/02/2025	4	<0.050	<0.300	<10.0	106	<10.0	106	106	2,200			
FS04	06/03/2025	4	<0.050	0.380	11.8	796	149	808	957	704			
SW01	06/03/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0			
SW02	06/03/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0			
SW03	06/02/2025	0-4	Confirmation Soil Samples				<16.0						
				В	ackfill Soil Sam	ple							
BF01	09/29/2025	Surface	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	26.5			

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

Ensolum 1 of 1



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

TION	OSE POD NO. (V POD 1 WELL OWNER	- 1			well tag id no n/a			OSE FILE NO C-4984 PHONE (OPT	1 1					
OCA	XTO Energy							THORE (OF I	(OTTE)					
VELL L	WELL OWNER 3104 E Green		ADDRESS			-	31.1	CITY Carlsbad		STATE	88220	ZIP		
GENERAL AND WELL LOCATION	WELL LOCATION	LA	DE	GREES 32	MINUTES 14	SECON 59.1	36 _N		Y REQUIRED: ONE TEN	TH OF A	SECOND	1 2 9=		
NER	(FROM GPS)		NGITUDE	103	51	37.9			I STANDARD OF THE REAL PROPERTY.					
1. GE			ng well location to lge of a low-traffic o)WNSHJIP, RANGE) WF	IERE AV	AILABLE			
	LICENSE NO.		NAME OF LICENSED	DRILLER	***				NAME OF WELL DR	ILLING	COMPANY			
	WD-11	84			Ronny Keith				West Te	kas Wat	er Well Servic	е		
	DRILLING STA 8/14/202		DRILLING ENDED 8/14/2025		MPLETED WELL (F ip casing only	T)		LE DEPTH (FT) 110	DEPTH WATER FIR	ST ENCO				
	COMPLETED V	VELL IS:	ARTESIAN	DRY HOL	E SHALLO	OW (UNCO	NFINED)		STATIC WATER LEV	VEL IN C		ELL (FT)		
LION	DRILLING FLU	ID:	✓ AIR	☐ MUD	ADDITIV	VES – SPEC	CIFY:				7.7.			
tMA.	DRILLING MET	THOD:	✓ ROTARY	HAMMER	CABLE	rool	ОТНЕ	R – SPECIFY:	1 2 2 2	-				
FOF	DEPTH (fe	et høl)		CASING	MATERIAL ANI	D/OR	2 2 4		CASING					
2. DRILLING & CASING INFORMATION	FROM	TO	DIAM (inches)	(include e	GRADE each casing string	, and	CON	ASING NECTION TYPE	INSIDE DIAM. (inches)		SING WALL HICKNESS (inches)	SLOT SIZE (inches)		
CA	0	110	6		sections of screen orary SCH 40 PV		(add coup	ling diameter)	2					
VG &				-			, , ,	Na Taranta a	-					
LLD						1 10	ZMI IS V	_	P L S		91. Fig.			
DRI							71.5			2 10 1		- K - 1 -		
2.				X11/5/X1/2		\$ 11 h	=	A North Co	2 4 1 1 1 1 2 2 2	1	, 1 · · · · · · · · ·	1 y 1 g		
		_		- 1	1 -	2.50								
į			10	1211			7 - 7 - 12	w 10 100			-	7		
10												, 18'		
lay fi	DEPTH (fe	et bgl)	BORE HOLE	LIS	ST ANNULAR S	EAL MA	TERIAL A	AND	AMOUNT	5 2	МЕТНО	D OF		
AL	FROM	ТО	DIAM. (inches)	GRA	VEL PACK SIZE	-RANGE	BY INTE	ERVAL	(cubic feet)		PLACEN			
ANNULAR MATERIAL		- ,	AL IN	a	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A		.4 14 1 54	- (H3					
MAT		-	2 . 10 v v	V 311	ng livingan k		1.5	η, Ψ		Made				
AR		<u> </u>	1, v1 1 1	P	4,3						<u> </u>	100		
NUL								1				<u> </u>		
AN.										332	1300 - 50	h i		
3.							1.	7 7 4	1 / 1	2 I I I	de marina			
EOP	OSE INTERN	AT TICE			y		9	WR-	0 WELL RECORD	& LOG	(Version 04/3	0/19)		
	E NO.	AL USE	1727	5	POD NO	Э.	×	TRN			\	1.2		
LOC	ATION		William Control		i .		-	WELL TAG	D NO	- 24	PAGE	1 OF 2		

FROM TO (feet) INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (Attach supplemental sheets to fully describe all units) Reddish brown, SAND	DEPTH (fee	feet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERED	10 Mary 10 Mar	ESTIMATED
TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MED START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING FERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MED START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING FERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips BY SIGNING BELOW, I CERTIFY THAT TO THIS BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL JA'SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WELL RECORD WELL DRILLING WELL RECORD WELL REC	FROM	то	2000	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE	BEARING?	YIELD FOR WATER- BEARING ZONES (gpm)
DOOD THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT TO THIS BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND BELIEF CORP THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL BECORD OF THE ABOVE DESCRIBED WELL ALSO GERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN IN	0	110	110	Reddish brown, SAND	Y VN	1 (101)
Y N	er i riigaayaayaasiinoii		all way want want	A-OCTSO(1980)	YN	KSHWT - FRIT
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					Y N	groud D.CA
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE ME START TIME, END TIME, AND DA TABLE SHOWING DISCHARGE AND BELIEF, THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND RECORD OF THE ABOVE DESCRIBED WELL IASSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL LASSO DE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING WELL DRILLING SUPERVISOR OF WELL LASSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL LASSO DE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING WELL DRILLING SUPERVISOR OF WELL LASSO BET HED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING WELL DRILLING SUPERVISOR OF WELL	N Describer e comme	FOATS		1.63	Y	W. We USW
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MESSTART TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND RECORD OF THE ABOVE DESCRIBED WELL ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL TAG, IF REQUIRED.	98.75	Wind		11 del m 3	Y N	CAROL ALMANDE
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MESTART TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND RECORD OF THE ABOVE DESCRIBED WELL LASSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN BUTTERS.	C. C			enes, yr. I druna x 1945 Y	Y N	an 62 0
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE ME START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN RECORD OF THE ABOVE DESCRIBED WELL, LAZSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL, LAZSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL, LAZSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL, LAZSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL AS AFTER THE COMPLETION OF WELL DRILLIN WELL AS A THE ADD THE ABOVE DESCRIBED WELL. THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL AS A THE ADD THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL AS A THE ADD	1 // (A.	WIND I BUY	EXTENSION OF	2.1 March 1874 Miles A.	Y	yapran) j
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE ME START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN PASSONED BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND RIGORD OF THE ABOVE DESCRIBED WELL LAUSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL THE WELL TAG. IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL THE WELL TA			A - 14 - 1354 \$164.5	1 (40) 15 x 3.	Y	mant, trint on
Y N	376	al Line of the	HALLEY SHIRT	TWO DOES NOT THE REPORT OF THE PROPERTY OF THE	Y	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MESTART TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN RECORD OF THE ABOVE DESCRIBED WELL, LAISO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL BECORD WILL BECORD WILL BECORD WILL BECORD WILL				TOP CALL AND THE WAY SENT AND THE SENT PARTY OF THE SENT AND A SENT PARTY OF THE	Y	nälr luguun 1
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MESTART TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND RECORD OF THE ABOVE DESCRIBED WELL. IA SO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL BE	71.00	Farab DALC		The state where the state of th	Y N	A THE STREET
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MESTART TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN BY SIGNING BELOW, I CERTIFY THAT TO THE, BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND WELL RECORD OF THE ABOVE DESCRIBED WELL, IA ISO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL BECORD WILL BECORD	udang 4, 2	Town Win	wal a We	Repry 10, 46	Y N	lint"
WELL TEST MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN PRECORD OF THE ABOVE DESCRIBED WELL, ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITHIN 40 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITHIN 40 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITHIN 40 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WITHIN 40 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WITHIN 40 DAYS AFTER THE C	MATERIAL SERVICE	green miles o	24 - Ago Ar - 1171	E CONTRACTORES SECTION DE LA PORTE DE PROPERTO DE LA PROPERTO DEL PROPERTO DE LA PROPERTO DE LA PROPERTO DEL PROPERTO DE LA PROPERTO DEL PROP	Y N	-may that
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MESTART TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN RECORD OF THE ABOVE DESCRIBED WELL. IALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL. IALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL. IALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD OF THE ABOVE DESCRIBED WELL. IALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL ALSO BE FILED WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN WELL RECORD WILL RECORD		10.47.4		The spin as almost		D3 (6) (6)
Y N Y N	Tabal e la l	ATO I VILLE	Jan Para		Y N	rama enges
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: PUMP		ASIG			Approximation for the second	C & Z & P P A C S I
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: PUMP						1000000
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: PUMP				Carried Account on a 1 September 11		an impost of
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: PUMP		CANADA A.		ACTOR A TETRAL PETRAL		Ly Paragraph
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: PUMP	. 450	Liberta Na	MARI BULL	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		15/164
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: PUMP	ot in the state	oleni -	Lastra-i		April 1	
PUMP AIR LIFT BAILER OTHER – SPECIFY: WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MET START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN RECORD OF THE ABOVE DESCRIBED WELL. LALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN 8/19/2025	METHOD HEL	CED TO EC	TIMATE VIELD	OF WATER DEADING CTRATA.		
MISCELLANEOUS INFORMATION: Temporary casing removed and soil bore was backfilled using drill cuttings to a depth of 10 feet ground surface, remaining 10 feet backfilled using hydrated bentonite chips PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN RECORD OF THE ABOVE DESCRIBED WELL. LALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLIN. 8/19/2025			dans a land		The second secon	0.00
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND RECORD OF THE ABOVE DESCRIBED WELL. IALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING SITES OF WELL DR	WELL TEST					
RECORD OF THE ABOVE DESCRIBED WELL. IALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING 8/19/2025		A THE WORLD	gı	ound surface, remaining 10 feet backfilled using hydrated bentoni	e chips	
	RECORD OF 7	F THE ABO ORD WILL	ALSO BE FILED	O WELL. JALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, H.	AS BEEN INSTALLED AN LETION OF WELL DRILI 8/19/2025	ND THAT THIS
			SMOTHER STREET	and the second s	Andrews and the second	and the second second
OR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Versio		NAL USE	a ar day	2010 FB 32 1	ELL RECORD & LOG (Ve	rsion 04/30/2019
ILE NO. POD NO. TRN NO. WELL TAG ID NO.	THE RESIDENCE OF	4	KARREL DOOR - BOK" KIRASO	POD NO. TRN NO.		PAGE 2 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

	NERAL / WELL OWNERSHIP:	
State 1	Engineer Well Number: C-4984 POD 1	
Well o		
Mailir	ng address: 3104 E Greene St	Atte
City:	Carlsbad State: NM	Zip code: 88220
** **	THE DESIGNATION AND THE PROPERTY OF THE PROPER	
<u>н. w</u> 1)	ELL PLUGGING INFORMATION: Name of well drilling company that plugged well: West Texas Water Well Service	Ţ.
2)	New Mexico Well Driller License No.: WD-1184 Expira	tion Date: 10/31/2025
3)	Well plugging activities were supervised by the following well driller(s)/rig supervisor(s)	:
4)	Date well plugging began: 8/18/2025 Date well plugging concluded:	8/18/2025
5)	GPS Well Location: Latitude: 32 deg, 14 min, 59.136 Longitude: 103 deg, 51 min, 37.944	_ sec _ sec, WGS 84
6)	Depth of well confirmed at initiation of plugging as:110 ft below ground level (by the following manner: _oil/water interface probe	ogl),
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: 7/14/2025	-
9)	Were all plugging activities consistent with an approved plugging plan? Yes differences between the approved plugging plan and the well as it was plugged (attach ad	If not, please describe ditional pages as needed):
		Vr <u>N</u> a
		garan na eta

Version: September 8, 2009 Page 1 of 2

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:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.
_	0-10' Hydrated Bentonite	Approx. 26 gallons	26.11 gallons		LOUVILIANDE OLI
er a compression de la compression della compres		40 40		an a known them is the first of	aWasa Warrangar Sarali se 2017 Allama wa Jawi
The Best Section 19 and	10'-110' Drill Cuttings	Appox. 287 gallons	287 gallons	Boring	Mailing sources. 1 (0.5) Fits Carkbod
_					
401-0-1- E N (III)	is neverted maximum to produce a second on all to	Strain on I went to	Mi tiinste lee, ge tij geke	yeringatan tenthiri	F Name of well i
2002	E masikritzen E	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1811 1111 1 100 100	"olf i milier films	TremovinoM G
		es protest es se ses	स्थिति को पूर्व देशक विद्याल	- Separa Aminyitan	gegrafo NeW of
	ochudeot 8/18/2025	Take well plugging a	251.271	18 may digaz	appear Themson Egypta
_	89,738 res 37 944 - ec. VCS,84	. en	EST Applie		gos delvinnin i ir
state of the state	ntgrûtweeth	sens aniod (All m	er nguldigar Na waass Nachd eus heint ledd	ins to vapous mo MIO assa ming	i Sew Tourings (1) dwo.Rocketh yd
-		*pd 05104	ighten parakina	te for in an a fire	7) Substitution (C
	ASIASIA P.	the file had start and	र्व प्रकार विद्युष्ट विद्या केवल । १५	and a properties	guightweit Ki
dinorsi i :(bub.co	ready one to the second page as	e plengting start.	reference of the margine of the	on entrition gro	(i) Vision all physics differences but
-			5		
	•		BY AND OBTAIN 4805 = gallons 97 = gallons		
	ATURE:			allo tore upo t	
	ertaining to the plugging of the best of my knowledge	of wells and that each and and belief.	hat I am familiar with	n the rules of to n this Plugging	the Office of the State Record and attachments
		Kussell,	Signature of Well Drill	er	Date

Version: September 8, 2009 Page 2 of 2



APPENDIX B

NMSLO CPP Rule Memorandum



Stephanie Garcia Richard COMMISSIONER

State of New Mexico Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760 Fax (505) 827-5766 www.nmstatelands.org

MEMORANDUM

TO: Raina Hanley; Beaver Creek Archaeology

FROM: Adesbah Foguth, Trust Land Archaeologist

(505) 469-2894 afoguth@nmslo.gov

SUBJECT: Ensolum on behalf of XTO

Remediation for: JRU to PLU Produced Water Pipeline

Section 2, T24S, R30E, N.M.P.M. Eddy County

REFERENCE: NMSLO Cultural Properties Protection Rule (19.2.24 NMAC)

DATE: 3/20/2025

Thank you for your submission relating to the Proponent's proposed remediation activities at JRU to PLU Produced Water Pipeline. An archaeological survey of the entire area of potential effect has been completed and no cultural properties were identified. Pursuant to NMSLO 19.2.24.8 (C) NMAC, remediation may proceed.

If any cultural materials are inadvertently encountered during surface disturbance, work must cease within 50 feet and the NMSLO Cultural Resources Office must be notified immediately by emailing (CROinfo@nmslo.gov). Please reach out if you have questions or need additional clarification.



APPENDIX C

Photographic Log



Photographic Log

XTO Energy, Inc
JRU to PLU Produced Water Pipeline
nAPP2504826528





Photograph: 1 Date: 2/14/2025

Description: Staining in release extent

View: East

Photograph: 2 Date: 2/14/2025

Description: Staining in release extent

View: Southwest





Photograph: 3 Date: 4/16/2025

Description: Delineation activities; near SS01

View: Southeast

Photograph: 4 Date: 6/2/2025

Description: Excavation activities; near FS04

View: East



Photographic Log

XTO Energy, Inc JRU to PLU Produced Water Pipeline nAPP2504826528





Photograph: 5 Date: 6/3/2025

Description: Excavation activities; near FS01

View: Southest

Photograph: 6 Date: 6/3/2025 Description: Excavation activities; near FS03

View: Northest



Photograph: 7 Date: 7/3/2025 Description: Excavation activities; near FS02

\" = 1

View: Southeast



Photograph: 8 Date: 8/27/2025

Description: Backfilled excavation

View: East



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



April 23, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: JRU TO PLU PRODUCED WATER PIPELINE - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 04/21/25 11:35.

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

Cardinal Laboratories is 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/21/2025 Sampling Date: 04/16/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Project Location: XTO

Sample ID: SS 01 0.5 (H252355-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result Reporting Limit		Analyzed Method Blank		BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	205	102	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	194	97.1	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.2	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey & Keene



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/21/2025 Sampling Date: 04/16/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Project Location: XTO

Sample ID: SS 02 0.5 (H252355-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	205	102	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	194	97.1	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	78.8	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/21/2025 Sampling Date: 04/16/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Project Location: XTO

Sample ID: SS 03 0.5 (H252355-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	205	102	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	194	97.1	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.7	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/21/2025 Sampling Date: 04/16/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Project Location: XTO

Sample ID: SS 04 0.5 (H252355-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	205	102	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	194	97.1	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.5	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 04/21/2025 Sampling Date: 04/16/2025

Reported: 04/23/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Project Location: XTO

Sample ID: SS 05 0.5 (H252355-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2025	ND	2.01	101	2.00	1.89	
Toluene*	<0.050	0.050	04/22/2025	ND	2.06	103	2.00	2.26	
Ethylbenzene*	<0.050	0.050	04/22/2025	ND	2.02	101	2.00	2.41	
Total Xylenes*	<0.150	0.150	04/22/2025	ND	5.94	98.9	6.00	2.65	
Total BTEX	<0.300	0.300	04/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	34						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2025	ND	205	102	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/22/2025	ND	194	97.1	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	04/22/2025	ND					
Surrogate: 1-Chlorooctane	90.1	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	84.3	% 40.6-15	:3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Kreene



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

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

Celeg D. Freene

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FURM-000 K 3.2 10/0//21	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:	Relinquished By:	PLEASE NOTE: Liability and Damages. Cardinal's liability a analyses. All claims including those for negligence and any service. In no event shall Cardinal be liable for incidental or affiliates or successors arising out of or related to the perfor			5 5505	PS +	3 5503	2057 2	1 5501	1252351	Lab I.D. Sample I.D.	FOR LAB USE ONLY	Sampler Name: Connor Whitman	Project Location:	Project Name: JRU to PLU	Project #: 03C1558612	Phone #: 337 257-8307	city: Carlsbad	Address: 3122 National Parks Hwy	Project Manager: Tracy Hillard	Company Name: Ensolum, LLC
† Cardinal cannot accept v	Corrected Temp. °C 3.6 Coo	Date: Received By:	86.18	and client's exclusive remedy for any other cause whatsoever shall be dee consequental damages, including wannee of services hereunder by Carr			-				0.5 6.1	# CO GRO WAS	Sample Depth (feet) AB OR (C)OM NTAINERS UNDWATER TEWATER				U Produced Water Pipeline - Spills	Project Owner: XTO	Fax #:	State:NM Zip: 88220	ks Hwy	illard	TC
erbal changes. Please email changes	Sample Condition CHECKED BY: Turn: Cool intact (Initials) Wes Yes Yes Corre	GFG	Worker Milled box All R	used in contract or fort, shall be limited to the amount pad by two de in withing and received by Cardini within 30 days after completed by in the interruptions, loss of use, or loss of profits incurred by client, its significant pad by the such claim is based upon any of the above stated reasons or the runch claim is based upon any of the above stated reasons or the such claim is based upon any of the above stated reasons or the such claim is based upon any of the above stated reasons or the such claims.			W W 1120	211	110	los	4-16-25 11:00	OTHI DATE	ER: /BASE: COOL	MATRIX PRESERV. SAMPLING	Fax #:	Phone #:	lls State: NM Zip: 88220	city: Carlsbad	Address: 3104 E. Green S	Attn: Colton Brown	company: XTO Energy Inc.	P.O. #:	DIAM IO
Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #13 #45 2 6	GFCM:48605000 Incident ID: NAPPZ5048Z65Z8	re emailed. Please provide Errard@ensolum.com, TMorrissey(Cable Cable	Months the				0	55	00	ТР	TEX H HLORIDE						St		,		



June 05, 2025

TRACY HILLARD ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: JRU TO PLU PRODUCED WATER PIPELINE - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/03/25 11:35.

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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 06/03/2025 Sampling Date: 06/02/2025

Reported: 06/05/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: XTO

Sample ID: FS 01 4' (H253286-01)

DTEV 0021D

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	06/03/2025	ND	2.10	105	2.00	5.11	
Toluene*	<0.050	0.050	06/03/2025	ND	2.06	103	2.00	4.91	
Ethylbenzene*	<0.050	0.050	06/03/2025	ND	2.00	100	2.00	3.88	
Total Xylenes*	<0.150	0.150	06/03/2025	ND	6.18	103	6.00	2.60	
Total BTEX	<0.300	0.300	06/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	06/04/2025	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2025	ND	212	106	200	0.188	
DRO >C10-C28*	330	10.0	06/03/2025	ND	195	97.7	200	4.22	
EXT DRO >C28-C36	42.0	10.0	06/03/2025	ND					
Surrogate: 1-Chlorooctane	83.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.1	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 06/03/2025 Sampling Date: 06/02/2025

Reported: 06/05/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Project Location: XTO

Sample ID: FS 02 4' (H253286-02)

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	06/03/2025	ND	2.10	105	2.00	5.11	
Toluene*	<0.050	0.050	06/03/2025	ND	2.06	103	2.00	4.91	
Ethylbenzene*	<0.050	0.050	06/03/2025	ND	2.00	100	2.00	3.88	
Total Xylenes*	<0.150	0.150	06/03/2025	ND	6.18	103	6.00	2.60	
Total BTEX	<0.300	0.300	06/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	06/04/2025	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2025	ND	212	106	200	0.188	
DRO >C10-C28*	<10.0	10.0	06/03/2025	ND	195	97.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	06/03/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.9	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 06/03/2025 Sampling Date: 06/02/2025

Reported: 06/05/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Project Location: XTO

Sample ID: FS 03 4' (H253286-03)

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	06/03/2025	ND	2.10	105	2.00	5.11	
Toluene*	<0.050	0.050	06/03/2025	ND	2.06	103	2.00	4.91	
Ethylbenzene*	<0.050	0.050	06/03/2025	ND	2.00	100	2.00	3.88	
Total Xylenes*	<0.150	0.150	06/03/2025	ND	6.18	103	6.00	2.60	
Total BTEX	<0.300	0.300	06/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	06/04/2025	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2025	ND	212	106	200	0.188	
DRO >C10-C28*	106	10.0	06/03/2025	ND	195	97.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	06/03/2025	ND					
Surrogate: 1-Chlorooctane	80.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.6	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 06/03/2025 Sampling Date: 06/02/2025

Reported: 06/05/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact Project Number: 03C1558612 Sample Received By: Tamara Oldaker

Project Location: XTO

Sample ID: SW 03 0-4' (H253286-04)

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	06/03/2025	ND	2.10	105	2.00	5.11	
Toluene*	<0.050	0.050	06/03/2025	ND	2.06	103	2.00	4.91	
Ethylbenzene*	<0.050	0.050	06/03/2025	ND	2.00	100	2.00	3.88	
Total Xylenes*	<0.150	0.150	06/03/2025	ND	6.18	103	6.00	2.60	
Total BTEX	<0.300	0.300	06/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/04/2025	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2025	ND	212	106	200	0.188	
DRO >C10-C28*	<10.0	10.0	06/03/2025	ND	195	97.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	06/03/2025	ND					
Surrogate: 1-Chlorooctane	80.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.7	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



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

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

Celey D. Keine

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(5/5) 393-2320 FAA	V (212) 22-5410				ALIAIV		
Company Name:	Ensolum, LLC			BILL TO		ANALTOIO	סוט אבשטבטו	-
Project Manager:	Tracy Hillard			P.O. #:				
Address: 3122 N	Address: 3122 National Parks Hwy	1		Company: XTO Energy	gy Inc.			
city: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown				
le #:	337 257-8307			ĺШ	Green St.	7		
	03C1558612	Project Owner: XTO	TO	city: Carlsbad				
Project Name:	JRU to PLU Produced Water Pipeline	duced Water Pip	eline – Spills	State: NM Zip: 88220	20			
Project Location:				Phone #:				
Sampler Name:	Connor Whitman			1				
FOR LAB USE ONLY		IP.	MATRIX	PRESERV. SAM	SAMPLING			
Lab I.D.	Sample I.D.	Sample Depth (feet)	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE/COOL OTHER:	BTEX	CHLORIDE		
n	22.2	5 5		6233	903			
W,	FSoz	7	-		916			
4	\$1203	0-4		-	1000			
						12		
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Car	Damages, Cardinal's liability and cli those for negligence and any other dinal be liable for incidental or conse	ent's exclusive remedy for any cla cause whatsoever shall be deem equental damages, including with	im arising whether based in contract ed waived unless made in writing and out limitation, business interruptions,	all be li by Can b, or los	id by the client for the er completion of the applicable client, its subsidiaries,			
Relinquished By:	ned By:	Date: 3-28 Time: 35	Received by:	ra Maleka	Verbal Result:	□ No Add'l Phone #: Please provide Email addre n.com, TMorrissey@ensolum.	Result:	olum.com
Relinquished By:		Date: R	Recelved By:		GFCM:48605000	001	Incident ID: NAPP 2504820520	
Delivered By: (Circle One)	Ä	Observed Temp. °C 3	, ,	ion CHECKED BY: (Initials)	華	BC	Cool Intact Observed Temp. °C	mp. °C
Sampler - UPS - E	Bus - Other: Co	Corrected Temp. °C 3.4	-	1	Thermometer ID #13 +C	tongli	No No Corrected Temp. °C	emp. °C



June 09, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: JRU TO PLU PRODUCED WATER PIPELINE - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/05/25 13:20.

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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 06/05/2025 Sampling Date: 06/03/2025

Reported: 06/09/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Shalyn Rodriguez

Project Location: XTO

Sample ID: SW 01 0-4' (H253361-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2025	ND	2.15	107	2.00	2.42	
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	2.00	
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.12	106	2.00	1.80	
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.32	105	6.00	2.10	
Total BTEX	<0.300	0.300	06/06/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/06/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2025	ND	212	106	200	0.820	
DRO >C10-C28*	<10.0	10.0	06/06/2025	ND	199	99.3	200	0.575	
EXT DRO >C28-C36	<10.0	10.0	06/06/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.4	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey & Keene



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 06/05/2025 Sampling Date: 06/03/2025

Reported: 06/09/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: XTO

Sample ID: SW 02 0-4' (H253361-02)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2025	ND	2.15	107	2.00	2.42	
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	2.00	
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.12	106	2.00	1.80	
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.32	105	6.00	2.10	
Total BTEX	<0.300	0.300	06/06/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/06/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2025	ND	212	106	200	0.820	
DRO >C10-C28*	<10.0	10.0	06/06/2025	ND	199	99.3	200	0.575	
EXT DRO >C28-C36	<10.0	10.0	06/06/2025	ND					
Surrogate: 1-Chlorooctane	90.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.5	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey & Keene



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

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

Celey D. Keene

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

10	010/000-1010	V (010) 202-7410							
Company Name:	Ensolum, LLC			BILL TO		A	ANALYSIS REQ	REQUEST	
Project Manager:	Tracy Hillard			P.O. #:					
Address: 3122 National Parks Hwy	ional Parks Hwy			company: XTO Energy Inc.	yy Inc.				
city: Carlsbad	0	State: NM Zi	Zip: 88220	Attn: Colton Brown					
Phone #: 337 257-8307	-8307			Address: 3104 E. Green St.	en St.				
Project #: 03C1	03C1558612	Project Owner: XTO	TO	city: Carlsbad			_		
Project Name: J	JRU to PLU Produced Water Pipeline	luced Water Pip	eline - Spills	State: NM Zip: 88220	0				
Project Location:				Phone #:					
Sampler Name:	Connor Whitman			Fax #:					
FOR LAB USE ONLY			MATRIX	PRESERV. SAME	SAMPLING				
	Sample I.D.	Sample Depth (C)OMP.	CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	BTEX	TPH CHLORIDE			
1	SWOI	0-4	-		1145				
2	SW02	0-9	-	1 6-3-21	1150 /				
			1						
				/					
					/	2		,	
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim analyses. All claims including those for negligence and any other cause whatsoever shall be deemed service. In no event shall Cardinal be liable for incidental or consequential damages, including without service. In no event shall Cardinal be liable for incidental or consequential damages, including without service, in no event shall Cardinal be liable for the participant or consequence of services because for the cardinal services.	ages. Cardinal's liability and clier for negligence and any other cobe liable for incidental or consequence is a related to the performance.	nt's exclusive remedy for any cla ause whatsoever shall be deem quental damages, including with	im arising whether based in contracted waived unless made in writing arout limitation, business interruptions, at repartless of whether such claims.	PLEASE NOTE: Liability and Damages. Cardinat'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 initiation, business interruptions, loss of use, or loss of profits incurred by publicable in the profit of	I by the client for the completion of the applicable lient, its subsidiaries, asons or otherwise.				
Relinquished By:	7		Received By:	Received By: SPOCKOMULA	Verbal All Resu	☐ Yes ☐ No ☐ Anailed. Please providensolum.com, TMorris	Add'I Phone #: ide Email address: ssey@ensolum.com, kt	Result: ☐ Yes ☐ No	3
Relinquished By:		Date: R	Received By:	0	GFCM:48605000	enter: 1081711001	Incident ID: NAPP2504826528	2504826528	
Delivered By: (Circle One)		Observed Temp. °C 07	? Sample Condition	tion CHECKED BY:	Turnaround Time:	Standard	Bacteria (only)	Bacteria (only) Sample Condition	
Sampler - UPS - Bus -	Other:	Corrected Temp. °C O. W.			Thermometer ID -#113 Correction Factor -9.5°C	· (ASh.		Corrected Temp. °C	
I COM OUT OUT	. 10/0//61								



June 09, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: JRU TO PLU PRODUCED WATER PIPELINE - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 06/05/25 13:20.

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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 06/05/2025 Sampling Date: 06/03/2025

Reported: 06/09/2025 Sampling Type: Soil

Project Name: JRU TO PLU PRODUCED WATER PIPELIN Sampling Condition: Cool & Intact
Project Number: 03C1558612 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: XTO

Sample ID: FS 04 4' (H253362-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2025	ND	2.15	107	2.00	2.42	
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	2.00	
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.12	106	2.00	1.80	
Total Xylenes*	0.380	0.150	06/06/2025	ND	6.32	105	6.00	2.10	
Total BTEX	0.380	0.300	06/06/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	06/06/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.8	10.0	06/06/2025	ND	212	106	200	0.820	
DRO >C10-C28*	796	10.0	06/06/2025	ND	199	99.3	200	0.575	
EXT DRO >C28-C36	149	10.0	06/06/2025	ND					
Surrogate: 1-Chlorooctane	95.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



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

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

Celeg D. Freene

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476		94
any Name: Ensolum, LLC	BILL TO	ANALYSIS DECLEST
* Managor: Transliller		ANALISIS REQUEST
I racy Hillard	P.O. #:	
ss: 3122 National Parks Hwy	Company: XTO Energy Inc	
Orlohoo	company	

company name: E	Ensolum, LLC			BILL TO			ANAI YSIS RI	RECHEST	
Project Manager:	Tracy Hillard			P.O. #:					1
Address: 3122 National Parks Hwy	nal Parks Hwy			Company: XTO Energy Inc.	yy Inc.				
city: Carlsbad		State: NM	Zip: 88220	Attn: Colton Brown					
Phone #: 337 257-8307	8307	Fax #:		Address: 3104 E. Gre	Green St.				_
Project #: 03C1558612	8612	Project Owner: XTO	XTO						
Project Name: JR	JRU to PLU Produced Water Pipeline - Spills	uced Water P	ipeline – Spills	State: NM Zip: 88220	Ö				
Project Location:				Phone #:					
Sampler Name: Cor	Connor Whitman			Fax #:					
FOR LAB USE ONLY			MATRIX	ESEBV	ING				
			R	TREGERY. SAMPLING	LING	:			
Lab I.D. Sa	Sample I.D.	Sample Depth (feet)	D)RAB OR (C)OI CONTAINERS ROUNDWATER ASTEWATER DIL L UDGE	HER: DID/BASE; E/COOL HER:	BTEX	PH :HLORIDE			
	CS04	4	- 3		9:45				
			/			_			
			/						4
					/	2			
					/				
PLEASE NOTE: Liability and Damages	Cardinal's liability and allower					/			
rnalyses. All claims including those for negligence and ervice. In no event shall Cardinal be liable for incidenta iffiliates or successors arising out of or related to the per	negligence and any other causible for incidental or conseque elated to the performance of s	se whatsoever shall be deen ntal damages, including with the provider by Corollary (services bereinder by Corollary).	waith at least y whether pased in contract or med waived unless made in writing and hout limitation, business interruptions, long to produce the contract of t	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed of what was used in contract or lort, shall be limited to the amount paid by the claims of claims including those for negligence and any other cause whatsoever shall be deemed of washed unless and of newfeet D/C Cardinal which 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential enanges, including without intalicin, business interruptions, loss of use, or loss of profits incurred by client, its subsidiarities, affiliates or successors arising out of or related to the performance of services have not account of the profits incurred by client, its subsidiarities,	y the client for the ompletion of the applicable ont, its subsidiaries,				l
Relinquished By:		-	Received By:	ceived By:	Verbal Result:	□ Yes □ No	Add'l Phone #		
Rollinguished By:		330	Ž	rigney.	All Results are emailed. THillard@ensolun	ailed. Please prov	Please provide Email address: .com, TMorrissey@ensolum.com,	Its are emailed. Please provide Email address: THillard@ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com	
		Time:	Necelved By:	0	GFCM:48605000	Cost Center: 1081711001	ncident ID: NAPP2504826528	P2504826528	
Delivered By: (Circle One)		Observed Temp. °C	9 Sample Condition	CHECKED BY:	nd Time	- Standard		/) Sample Condition	
Sampler - UPS - Bus - Other:		1	Cool Intact	(Initials)	Thermometer ID #48	1	Cool Intact	Cool Intact Observed Temp. °C	
FURM-006 R 3.2 10	121101		ON LI ON LI	0	Correction Factor 400	1	No No	Corrected Temp. °C	L



APPENDIX E

NMOCD Correspondence and Spill Volume Calculation

From: Brown, Colton S

To: <u>Tacoma Morrissey</u>; <u>Ben Belill</u>; <u>Tracy Hillard</u>

Cc: <u>Dirkx, Kaylan; Woodall, Robert D; Mcafee, Ashley A; Sanchez, Gustavo /C</u>

Subject: FW: [EXTERNAL] XTO - Status Update - JRU to PLU Produced Water Pipeline - Incident Number

nAPP2504826528

Date: Tuesday, August 12, 2025 1:25:07 PM

[**EXTERNAL EMAIL**]

For some reason, my email was the only one that would work to send this too. Talk to Scott this morning.

Thank you

Colton Brown

Spill Coordinator

ExxonMobil Upstream Company

3104 E. Greene St.
Carlsbad, NM 88220
Cell Phone: 575-988-2390
colton.s.brown@exxonmobil.com

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Tuesday, August 12, 2025 10:52 AM

To: Brown, Colton S <colton.s.brown@exxonmobil.com>

Subject: RE: [EXTERNAL] XTO - Status Update - JRU to PLU Produced Water Pipeline - Incident

Number nAPP2504826528

Your time extension request is approved. Remediation Due date has been updated to November 11, 2025 within the incident page. Please note that this is the second and final extension request approval.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you,

Scott

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd



From: Wells, Shelly, EMNRD < Shelly. Wells@emnrd.nm.gov>

Sent: Monday, August 11, 2025 3:41 PM

To: Rodgers, Scott, EMNRD < Scott.Rodgers@emnrd.nm.gov > Cc: Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov >

Subject: FW: [EXTERNAL] XTO - Status Update - JRU to PLU Produced Water Pipeline - Incident

Number nAPP2504826528

From: Brown, Colton S < colton.s.brown@exxonmobil.com>

Sent: Monday, August 11, 2025 2:42 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >; CFO Spill, BLM NM

<<u>BLM_NM_CFO_Spill@blm.gov</u>>

Cc: Dirkx, Kaylan < <u>kaylan.dirkx@exxonmobil.com</u>>; Woodall, Robert D

<<u>robert.d.woodall@exxonmobil.com</u>>; Mcafee, Ashley A <<u>ashley.a.mcafee@exxonmobil.com</u>>; Tacoma Morrissey <<u>tmorrissey@ensolum.com</u>>; Tracy Hillard <<u>thillard@ensolum.com</u>>; Ben Belill <<u>bbelill@ensolum.com</u>>

Subject: [EXTERNAL] XTO - Status Update - JRU to PLU Produced Water Pipeline - Incident Number nAPP2504826528

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

Good afternoon-

XTO is providing a remediation status update for a produced water release that occurred at the JRU to PLU Produced Water Pipeline (Incident Number nAPP2504826528) Site. The release occurred on February 14, 2025. As discussed in the previous extension request, excavation of impacted soil began April 16, 2025, with an estimated 40 cubic yards of impacted soil excavated. No depth to groundwater data is available within the NMOCD preferred 0.5 miles and 25-year recommendation. XTO plans on drilling a soil boring to a depth greater than 100 feet bgs within 0.5 miles of the release to confirm the applicable Table I Closure Criteria. The New Mexico Office of the State Engineer

delivered the approved drilling permits on August 4, 2025, and the drilling is scheduled to be conducted on August 14, 2025. The soil boring will be left open for a minimum of 72 hours before it is gauged with an interface probe. In order to drill a depth to groundwater soil boring, conduct final confirmation soil sampling, and draft a closure or remediation work plan, XTO respectfully requests a 90-day extension until November 11, 2025.

Thank you

Colton BrownSpill Coordinator

ExxonMobil Upstream Company 3104 E. Greene St. Carlsbad, NM 88220 Cell Phone: 575-988-2390 colton.s.brown@exxonmobil.com From: Rodgers, Scott, EMNRD
To: Brown, Colton S

Cc: Dirkx, Kaylan; Woodall, Robert D; Mcafee, Ashley A; Tacoma Morrissey; Ben Belill; Tracy Hillard

Subject: RE: [EXTERNAL] XTO - Status Update - JRU to PLU Produced Water Pipeline - Incident Number nAPP2504826528

Date: Tuesday, May 13, 2025 2:44:19 PM

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to August 13, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you,

Scott

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Tuesday, May 13, 2025 11:33 AM

To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] XTO - Status Update - JRU to PLU Produced Water Pipeline - Incident

Number nAPP2504826528

From: Brown, Colton S < colton.s.brown@exxonmobil.com>

Sent: Tuesday, May 13, 2025 10:53 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

Cc: Dirkx, Kaylan < kaylan.dirkx@exxonmobil.com >; Woodall, Robert D

<<u>robert.d.woodall@exxonmobil.com</u>>; Mcafee, Ashley A <<u>ashley.a.mcafee@exxonmobil.com</u>>; Tacoma Morrissey <<u>tmorrissey@ensolum.com</u>>; Ben Belill <<u>bbelill@ensolum.com</u>>; Tracy Hillard <<u>thillard@ensolum.com</u>>

Subject: [EXTERNAL] XTO - Status Update - JRU to PLU Produced Water Pipeline - Incident Number nAPP2504826528

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

XTO is providing a remediation status update for a produced water release that occurred at the JRU to PLU Produced Water Pipeline (Incident Number nAPP2504826528) Site. The release occurred on February 14, 2025. Excavation of impacted soil began April 16, 2025, with an estimated 40 cubic yards of impacted soil excavated. No depth to groundwater data is available within the NMOCD preferred 0.5 miles and 25-year recommendation. XTO plans on drilling a soil boring to a depth greater than 100 feet bgs within 0.5 miles of the release to confirm the applicable Table I Closure Criteria. In order to complete excavation of impacted soil, drill a depth to groundwater soil boring, conduct final confirmation soil sampling, and draft a closure or remediation work plan, XTO respectfully requests a 90-day extension until August 13, 2025.

Thank you

Colton BrownSpill Coordinator

ExxonMobil Upstream Company 3104 E. Greene St. Carlsbad, NM 88220 Cell Phone: 575-988-2390 colton.s.brown@exxonmobil.com

Location:	JRU to PLU Produced Water Pipeline					
Spill Date:	2/14/2025					
	Area 1					
Approximate A	rea =	962.00	sq. ft.			
Average Satura	tion (or depth) of spill =	12.00	inches			
Average Porosi	ty Factor =	0.20				
	VOLUME OF LEAK					
Total Crude Oil	=		bbls			
Total Produced	Water =	36.00	bbls			
	TOTAL VOLUME OF LEAK					
Total Crude Oi	l=		bbls			
Total Produced	d Water =	36.00	bbls			
	TOTAL VOLUME RECOVERED					
Total Crude Oi	=		bbls			
Total Produced	Water =	2.00	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 432485

QUESTIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	432485
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504826528
Incident Name	NAPP2504826528 JRU TO PLU PRODUCED WATER PIPELINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	JRU to PLU Produced Water Pipeline
Date Release Discovered	02/14/2025
Surface Owner	State

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 36 BBL Recovered: 2 BBL Lost: 34 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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 432485

QUESTIONS (continued)

Орегатог.	OGNID.
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	432485
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)
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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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 sa	afety 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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by dequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 02/17/2025

General Information Phone: (505) 629-6116

storage site

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 432485

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	432485
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

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

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	No	
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		

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 432485

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	432485
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	2/17/2025

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 518005

QUESTIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	518005
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504826528
Incident Name	NAPP2504826528 JRU TO PLU PRODUCED WATER PIPELINE @ F-02-24S-30E
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	JRU TO PLU PRODUCED WATER PIPELINE
Date Release Discovered	02/14/2025
Surface Owner	State

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 36 BBL Recovered: 2 BBL Lost: 34 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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 518005

QUEST	IONS (continued)
Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380 Action Number: 518005
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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 second content of the con	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.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 10/20/2025

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 518005

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	518005
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 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 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	n 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 m	illigrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	3320
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	957
GRO+DRO (EPA SW-846 Method 8015M)	808
BTEX (EPA SW-846 Method 8021B or 8260B)	0.4
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	04/16/2025
On what date will (or did) the final sampling or liner inspection occur	09/29/2025
On what date will (or was) the remediation complete(d)	09/29/2025
What is the estimated surface area (in square feet) that will be reclaimed	550
What is the estimated volume (in cubic yards) that will be reclaimed	80
What is the estimated surface area (in square feet) that will be remediated	550
What is the estimated volume (in cubic yards) that will be remediated	80
These estimated dates and measurements are recognized to be the best guess or calculation at the	ne 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.

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 4

Action 518005

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	518005
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: 10/20/2025

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.

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 518005

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	518005
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 518005

QUESTIONS	(continued)
WOLU IIOI10	COHUH IUCU

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	518005
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	509030
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/30/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

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	550
What was the total volume (cubic yards) remediated	80
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	550
What was the total volume (in cubic yards) reclaimed	80
Summarize any additional remediation activities not included by answers (above)	Excavation activities were conducted at the Site to address the February 14, 2025, release of produced water. Laboratory analytical results for all confirmation soil samples submitted indicated all COC concentrations were compliant with the Site Closure Criteria and reclamation requirements. Based on soil sample laboratory analytical results, no further remediation is required. The excavation has been backfilled with material purchased locally and the area was recontoured to match pre-existing Site conditions.

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.

Name: Richard Kotzur	
I hereby agree and sign off to the above statement Title: Senior Project Manager	
Email: NMEnvNotifications@exxonmobil.com	
Date: 10/20/2025	

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 7

Action 518005

QUESTIONS (continued)

Operator:	OG	RID:	
XTO ENERGY, INC		5380	
6401 Holiday Hill Road	Acti	tion Number:	
Midland, TX 79707		518005	
	Acti	tion Type:	
		[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS			
Reclamation Report			
Only answer the questions in this group if all reclamation steps have been completed.			
Requesting a reclamation approval with this submission	Yes		
What was the total reclamation surface area (in square feet) for this site	550		
What was the total volume of replacement material (in cubic yards) for this site	80		
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil co to establish vegetation at the site, whichever is greater.			
Is the soil top layer complete and is it suitable material to establish vegetation	Yes		
On what (estimated) date will (or was) the reseeding commence(d)	04/15/2026		
Summarize any additional reclamation activities not included by answers (above)	The Site will be seeded with NMSLO loamy sites seed mix at the rate specified in pounds of pure live seed (PLS) per acre. The seed mix will be applied via drill seeding or broadcast seeding. If broadcast seeding is selected, the PLS/acre will be doubled and the seed will be raked in by chaining or dragging the Site. Reclamation activities will be documented via onsite monitoring and photographs will be included in a Re-Vegetation Report.		
The responsible party must attach information demonstrating they have complied with all applicable r of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant NMAC.			
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for release.	ses which may en	danger public health or the environment. The acceptance of a C-141 report by	

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.

Name: Richard Kotzur
Title: Senior Project Manager
Email: NMEnvNotifications@exxonmobil.com
Date: 10/20/2025

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 8

Action 518005

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	518005
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report				
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.				
Requesting a restoration complete approval with this submission	No			
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.				

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 518005

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	518005
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	11/5/2025