District I 7 1825 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

2008 DEC 12 PM 4 03

Proposed Alternative Method Permit or Closure Plan Application

	riopo	Seu Alterna	tive wieth	ou remit c	Close	He Flan A	<u>ipplication</u>
BGT1	Type of action: Existing BGT	Closure of Modification	a pit, closed-lon to an existing only submit	oop system, bel ng permit tted for an exist	ow-grade	tank, or propo	sed alternative method osed alternative method ermitted pit, closed-loop system,
	below-grade tan						
							w-grade tank or alternative request
							on of surface water, ground water or the stal authority's rules, regulations or ordinances.
Operator: XT	O Energy, Inc.				OGRI	D#:	5380
							Rio Arriba
Center of Propos	sed Design: Latitud	e <u>36.44793</u>		Longitude_	107.36	982	NAD: □1927 ☑ 1983
	☐ Federal ☐ State						
Permanent Lined U U String-Reinfo	orced	avitation P&A Thickness	mil 🔲 L				nsions: L x W x D
Closed-loop	System: Subsection	on H of 19.15.17.1	1 NMAC				
				r Drilling (Applie	s to activiti	ies which requi	ire prior approval of a permit or notice of
☐ Drying Pad	☐ Above Ground	Steel Tanks	laul-off Bins	Other			
Lined Un	lined Liner type:	Thickness	mil [LLDPE H	DPE PY	VC Other	
Liner Seams:	Welded Factor	y Other					
4.							
Below-grade	e tank: Subsection	I of 19.15.17.11	NMAC				
Volume: 12	<u>to</u>	bl Type of fluid:	Produc	ed Water			
	on material:			natural unit			
☐ Secondary c	ontainment with lea	k detection V	isible sidewalls	, liner, 6-inch lift	and automa	atic overflow s	hut-off
☐ Visible side	walls and liner	Visible sidewalls	only A Other	Visible sidew/a	is, vaulted,	automatic hig	h-level shut off, no liner
Liner type: Thic	ckness	mil 🔲	HDPE PV	C Other _			
5.	Mathada						

Form C-144

Oil Conservation Division

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Page 1 of 5

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)						
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church)	hospital,					
Four foot height, four strands of barbed wire evenly spaced between one and four feet						
Alternate. Please specify_Four foot height, steel mesh field fence (hogwire) with pipe top railing						
7. Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)						
☐ Screen ☐ Netting ☒ Other Expanded metal or solid vaulted top						
Monthly inspections (If netting or screening is not physically feasible)						
8.						
Signs: Subsection C of 19.15.17.11 NMAC						
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers						
⊠ Signed in compliance with 19.15.3.103 NMAC						
9. Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.	_					
Please check a box if one or more of the following is requested, if not leave blank:						
Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau consideration of approval.	office for					
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.						
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying a product to the appropriate to the second to the consideration for request.	priate district					
above-grade tanks associated with a closed-loop system.						
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No					
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No ☐ NA					
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits)	☐ Yes ☐ No ☐ NA					
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image						
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ⊠ No					
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No					
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No					
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☑ No					
Within a 100-year floodplain FEMA map	☐ Yes ☒ No					

Form C-144

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: Previously Approved Operating and Maintenance Plan API Number: (Applies only to closed-loop system that use
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
 Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17. Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment						
facilities are required.	ij more inan iwo					
Disposal Facility Name: Disposal Facility Permit Number:						
Disposal Facility Name: Disposal Facility Permit Number:						
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future Yes (If yes, please provide the information below) No	service and operations?					
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection H of 19.15.17.13 NR Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	ÍAC					
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable s provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. I demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	listrict office or may be					
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No					
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No					
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or play lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	a Yes No					
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No					
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	n. Yes No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No					
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No					
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	Yes No					
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No					
Within a 100-year floodplain FEMA map	☐ Yes ☐ No					
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards of Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	19.15.17.11 NMAC					

Form C-144

19.	
Operator Application Certification:	
I hereby certify that the information submitted with this application is true	accurate and complete to the best of my knowledge and belief.
Name (Print): Kim Champlin	Title: Environmental Representative
Signature: Kim Champlin	Date: 11.25-08
e-mail address: kim_champlin@xtoenergy.com	Telephone: (505) 333-3100
20.	_
OCD Approval: Permit Application (including closure plan) Clo	sure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Victoria Venegas	Approval Date: 07/22/2022
Title: Environmental Specialist	OCD Permit Number: BGT1
21.	
	prior to implementing any closure activities and submitting the closure report. ys of the completion of the closure activities. Please do not complete this
22.	
Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ If different from approved plan, please explain.	Alternative Closure Method
two facilities were utilized.	stems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: is, drilling fluids and drill cuttings were disposed. Use attachment if more than Disposal Facility Permit Number:
Disposal Facility Name: Were the closed-loop system operations and associated activities performed Yes (If yes, please demonstrate compliance to the items below)	i on or in areas that will not be used for future service and operations?
Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation)	operations:
☐ Soil Backfilling and Cover Installation	
Re-vegetation Application Rates and Seeding Technique	
mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closures) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	
	Longitude NAD: ☐1927 ☐ 1983
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure. I also certify that the closure complies with all applicable closure review. Name (Print):	
Signature:	Date:
e-mail address:	Telephone:

Form C-144

NEW MEXICO

OIL CONSERVATION COMMISSION

Form C-128

WELL LOCATION AND/OR GAS PRORATION PLAT

WELL NO. 1 SECTION 33 TOWNSHIP 26 HORTH RANGE 5 MESTS NMPM LOCATED 950 FEET FROM 100 LINE 950 FEET FROM 100 LINE RIO ARRINA COUNTY, NEW MEXICO G.L. ELEVATION 1566 1 DEADLE NAME: OF PRODUCING FORMATION Betared Chiffs Pool Se. Blanco Dedicated acreage 100 000 Note: All distances must be from outer boundaries of section. MAY 1 1950 S. Gtul Getter 100 000 NOTE This soction of form is to be used for gas wells only	* 1				1 15 1957
NAME: OF PRODUCING FORMATION Betared Cliffs POOL So. Blanco DEDICATED ACREAGE 160.00 Note: All distances must be from outer boundaries of section. NOTE This section of form is to be used.	OPERATOR TIL	ONIO OIL COMPANY	LEASE JICAR	ILLA	
NAME: OF PRODUCING FORMATION Between Cliffs POOL So. Blanco Dedicated acreage 160.000 Note: All distances must be from outer boundaries of section. MAY 1 195 S. Grul 191 This section of form is to be used	WELL NO. 1	SECTION 33	TOWNSHIP 26 HO	RTH RANGE 5 NEST	NMPM
Note: All distances must be from outer boundaries of section. MAY 1 195 S. Grut 1917 FAR 1197 NOTE This section of form is to be used	LOCATED 999	FEET FROM	ECRTH LINE 990	FEET FROM LIM	VIST LINE
Note: All distances must be from outer boundaries of section. 100	RIO ARRI	COUNTY, NEW	MEXICO	G.L. ELEVATION 65	66.9 THURADED.
Note: All distances must be from outer boundaries of section. 100	NAME OF PRODUCING	FORMATION Pictured	Cliffs POOL So. Bla	DEDICATED ACREAG	E. 160.00
MAN 1 195 S. GEUL GOLD FARMANA NOTE This section of form is to be used					
MAN 1 195 S. GEUL GOLD FARMANA NOTE This section of form is to be used	f	. '0			
MAN 1 195 S. GEUL GOLD FARMANA NOTE This section of form is to be used		966			
MAN 1 195 S. GEUL GOLD FARMANA NOTE This section of form is to be used					
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			+-+		
	L				
Scale 4 inches equal 1 mile		Sca	le 4 inches equal 1 mile		Ψ .
This is to certify that the above plat was prepared from 1. Is this well a Dual Comp.	1 -	•		1. Is this well a Du	al Comp.
field notes of actual surveys made by me or under my Supervision and that the same are true and correct to the 2. If the answer to Question 1.					A
best of my knowledge and belief. 2. If the answer to Question 1 is yes, are there any other dually		and haliaf			

Date Surveyed

Professional Engineer and/or Land



completed wells within the dedicated acreage.

Farmington, New Mexico

Released to Imaging: 7/22/2022 10:17:28 AM

Lodestar Services P0 Box 4465, Durango,		Pit Permit Siting Criteria Information Sheet	Client: Project: Revised: Prepared by:	XTO Energy Pit Permits 10/8/2008 Daniel Newman
API#:		3003906263	USPLSS:	T26N,R5W,33D
Name:	JICA	RILLA APACHE #1	Lat/Long:	36.44793 / -107.36982
Depth to groundwater:		>100'	Geologic formation:	San Jose Formation
Distance to closest continuously flowing watercourse:	30.8 mile	es north west to the San Juan River		
Distance to closest significant watercourse, lakebed, playa lake, or sinkhole:	1,200 so	uth of 1st order tributary of Tapicito Creek		
			Soil Type:	Entisols
Permanent residence, school, hospital, institution or church within 300'		No		
			Annual Precipitation:	10.88" Lybrook, NM
Domestic fresh water well or spring within 500'		No	Precipitation Notes:	7.19" largest daily rainfall on record
Any other fresh water well or spring within 1000'		No		
Within incorporated municipal boundaries		No	Attached Documents:	
Within defined municipal fresh water well field		No		Topo map, ground water data map, ariel photo, mines and quarries map,
Wetland within 500'		No	Mining Activity:	No
Within unstable area		No		
Within 100 year flood plain		FEMA data available		
Additional Notes:				

Jicarilla Apache #1 Below Grade Tank Hydrogeologic Report for Siting Criteria

General Geology and Hydrology

The San Juan Basin is a typical Rocky Mountain basin with a gently dipping southern flank and a steeply dipping northern flank. Asymmetrically layered Tertiary sandstones and shales, along with Quaternary alluvial deposits, dominate surficial geology (Dane and Bachman, 1965). The proposed pit location will be located in the San Juan Basin on the Jicarilla Apache Indian Reservation near Tapicito Creek. The predominant geologic formation is the San Jose Formation of Tertiary age, which underlies surface soils and is often exposed (Dane and Bachman, 1965). Deposits of Quaternary alluvial and aeolian sands occur prominently near the surface of the area, especially near streams and washes.

Cretaceous and Tertiary sandstones, as well as Quaternary alluvial deposits, serve as the primary aquifers in the San Juan Basin (Stone et al., 1983). In most of the proposed area, the San Jose Formation lies at the surface and overlies the Nacimiento Formation. Thickness of the San Jose ranges from 200 to 2700 feet, thickening from west to east across the region of interest (Stone et al., 1983). Aquifers within the coarser and continuous sandstone bodies of the San Jose Formation are between 0 and 2700' deep in this section of the basin (Stone et al., 1983). Groundwater within these aquifers flows north, toward the San Juan River. Little specific hydrogeologic data is available for the San Jose Formation system, but "numerous well and springs used for stock and domestic supplies" draw their water from the San Jose Formation (Stone et al, 1983).

The prominent soil type at the proposed site are rock lands and aridisols, which are defined as soils that exhibit little to no any profile development (www.emnrd.state.nm.us). Soils are basically unaltered from their parent rock. Miles of arroyos, washes and intermittent streams exist as part of the drainage network towards the San Juan River. These features often cut into soil and other unconsolidated materials, contributing to sedimentation downstream. The sudden influx of water from storm events easily erodes the soils that cover the area and prohibits effective recharge to the underlying aquifers.

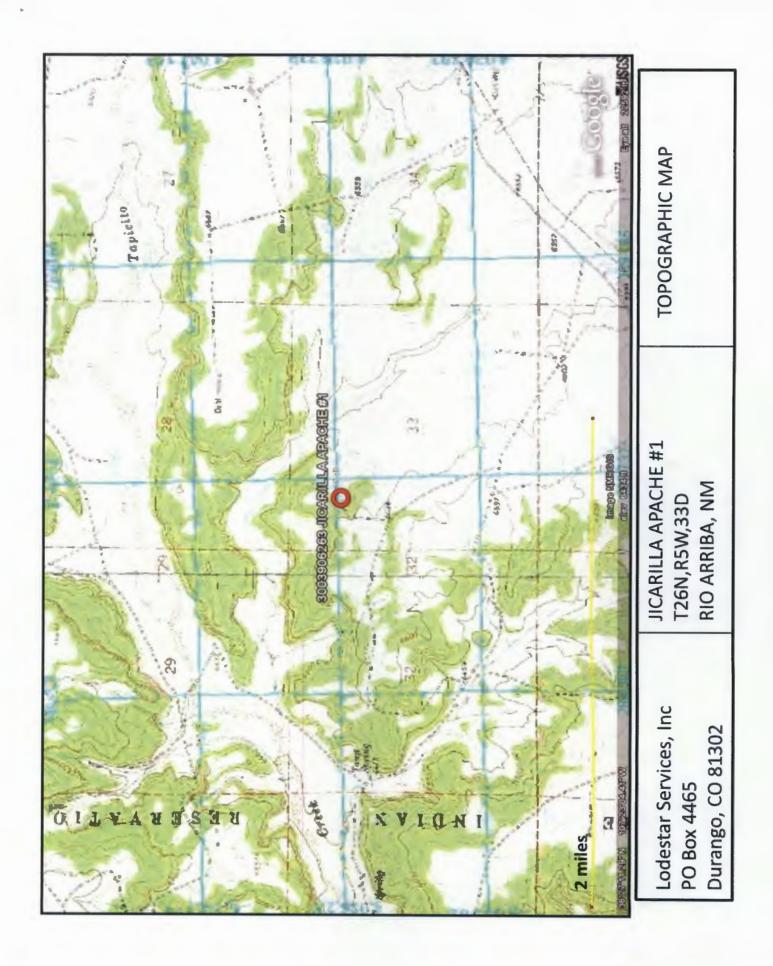
Dry and arid weather further prohibit active recharge. The climate of the region is arid, averaging just over 12 inches of rainfall annually. As is typical of the southwestern United States monsoonal weather patterns, most precipitation falls from August through October. The heaviest rainfall occurs in the summer in isolated, intense cloudbursts. November through June is relatively dry. Snow generally falls from December to mid-February and averages less than one half inch in depth. However, most recharge occurs during the winter months during snowmelt periods from the upper elevations (Western Regional Climate Center www.wrcc.dri.edu). The predominant vegetation is sagebrush and grasses with a more restricted pinon-juniper association (Dick-Peddie, 1993).

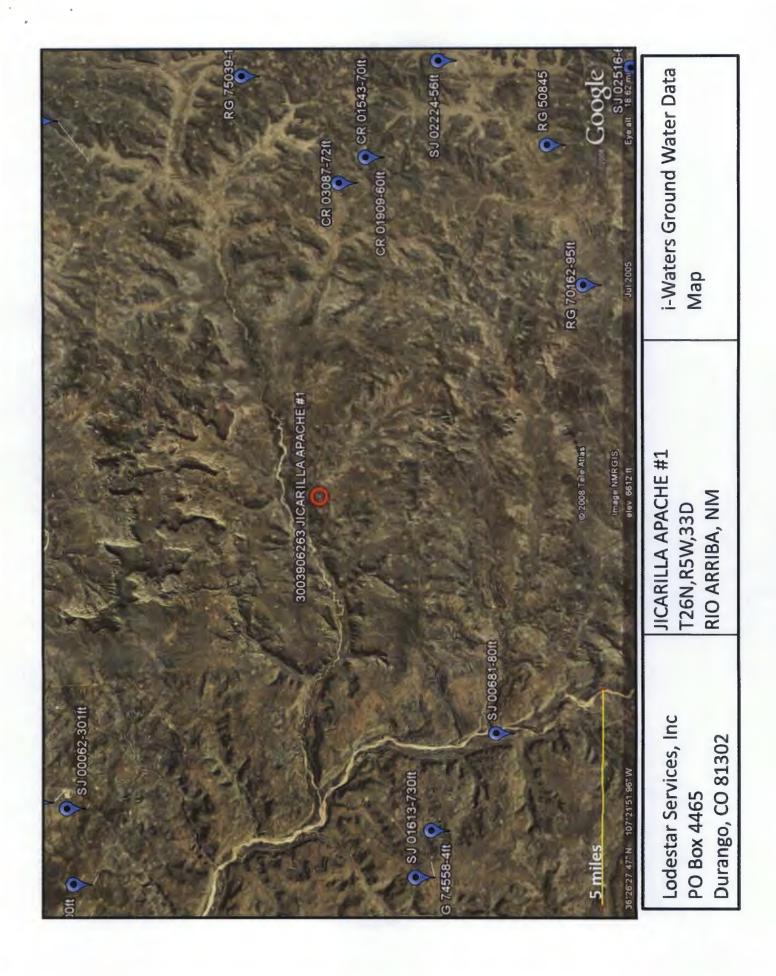
Site Specific Hydrogeology

Depth to groundwater is estimated to be greater than 100 feet. This estimation is based on data from Stone and others (1983), the USGS Groundwater Atlas of the United States and depth to groundwater data published on the New Mexico State Engineer's iWaters Database website. Local topography and proximity to surface hydrologic features are also taken into consideration.

Beds of water-yielding sandstone are present in the San Jose Formation, which are fluvial in origin and are interbedded with mudstone, siltstone and shale. "Extensive intertonguing" of different members of this formation is reported (Stone et al., 1983). Porous sandstones form the principal aquifers, while relatively impermeable shales and mudstones form confining units between the aquifers (Stone et al., 1983). Local aquifers exist within the San Jose Formation at depths greater than 100 feet and thicknesses of the aquifer can be up to several hundred feet (USGS, Groundwater Atlas of the US; Stone et al, 1983). The site in question is located on top of a large mesa at an elevation of approximately 6500 feet. This region is deeply incised by canyons, washes, gullies and arroyos, with Tapicito Creek being the predominant topographic feature. The mesas are composed of cliff-forming sandstone, and these are dissected by systems of dry washes and their tributaries evident on the attached aerial image. Groundwater is expected to be shallow within Tapicito Creek and within the surrounding tributary systems. However, an elevation difference between the site and the base of Tapicito Creek of over two hundred feet suggests groundwater at the proposed site is considerably deeper. The nearest dry tributary is over one hundred feet lower in elevation.

Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. A map showing the location of wells in reference to the proposed pit location is attached. Water drops show locations of wells and the labels for each water drop indicate depth to groundwater in feet. The nearest water well is approximately six and half miles to the southwest, and sits approximately two hundred feet lower in elevation. This well site identifies groundwater at eighty feet below the ground surface. The observations made within this report suggest that groundwater is greater than 100 feet deep at the pit location.





New Mexico Office of the State Engineer POD Reports and Downloads

	Feet)	Avg	140	121	650	120	650	140	100	200
	Water in	Max	140	182	650	120	650	140	100	200
8	(Depth	Min	140	09	650	120	650	140	100	200
0/01/200		Wells	-	7	7	1	7	1	1	-
REPORT 1		X								
WATER		×								
AVERAGE DEPTH OF WATER REPORT 10/07/2008		Zone								
AGE		Sec	12	21	03	0.5	90	12	15	21
AVER		Rng	03W	03W	03W	030	03W	030	030	0310
		TWS	24N							
		Bsn	RG	RG	30	9	50	9	90	30

New Mexico Office of the State Engineer POD Reports and Downloads

	Feet)	Avg	257
	Water in	Max	350
8	(Depth	Min	216
WATER REPORT 10/07/2008		Wells	4
REPORT		X	
WATER		×	
DEPTH OF		Zone	
AGE		Sec	100
AVERAGE		Tws Rng Sec	050
		TWS	24N
		3sn	37

New Mexico Office of the State Engineer POD Reports and Downloads

	Feet)	Avg	125	165	18	245	265	225	56	850	75	127	110	650	100	110	30	73
	Water in Feet)	Max	125	165	18	245	265	225	56	850	75	160	110	650	100	110	30	75
80	(Depth	Min	125	165	18	245	265	225	56	850	75	90	110	650	100	110	30	70
0/01/20		Wells	1	1	1	-	-	1	-	2	-	m	7	7	2	-	-	73
AVERAGE DEPTH OF WATER REPORT 10/07/2008		X																
WATER		×																
EPTH OF		Zone																
GE I		Sec	24	33	36	01	80	13	18	22	23	25	26	27	32	33	35	36
AVERA		Rng	0310	03W	030	03W	03W	03W	03W	03W	0310	03W	031	03W	03W	030	0310	03W
		TWS	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N
		Bsn	RG	RG	RG	50	50	9	9	50	80	30	33	80	30	80	90	30

New Mexico Office of the State Engineer POD Reports and Downloads

	Feet)	AVO	135
	Water in	Min Max	135
8((Depth	Min	135
.0/07/200		Wells	-
REPORT 1		X	
WATER		×	
E DEPTH OF WATER REPORT 10/07/2008		Zone	
GE		Sec	26
AVERAGE		Rng Sec	040
		3sn Tws	25N
		3sn	S

New Mexico Office of the State Engineer POD Reports and Downloads

	Tater in Feet)	Max Avg	500 500	80 80
0	Depth	Min	200	80
2/ 30/ 400		Y Wells	H	H
AVERAGE DEFIN OF WAIER REPORT 09/30/2008		Y		
WALEK		×		
DEFTH OF		Zone		
GE		Sec	03	21
AVEKA		Rng	SJ 25N 06W 03	06W
		TWS	25N	25N
		Bsn	9	9

New Mexico Office of the State Engineer POD Reports and Downloads

	Feet)	Avg	730
	Water in	Min Max Avg	730
8	(Depth	Min	730
9/30/200		Y Wells	٦
REPORT 0		Y	
WATER		×	
AVERAGE DEPTH OF WATER REPORT 09/30/2008		Zone	
GE		Sec	12
AVERA		Rng	07W
-		IMS	25N
		Bsn Tws Rng Sec	დ ე

New Mexico Office of the State Engineer POD Reports and Downloads

		AVER	AGE	DEPTH (OF WATEL	IVERAGE DEPTH OF WATER REPORT 09/30/2008	60	/30/200	8		
									(Depth	Water in	Feet)
Bsn	TWS		Sec	Zone	×	7	1	Wells	Min	Max	Avg
ر ا	26N		01					1	400	400	400
9	26N		0.5					-	18	18	18
9	26N	07W 15	15					(1)	22	26	24
9	26N		30					1	180	180	180

New Mexico Office of the State Engineer POD Reports and Downloads

	Feet)	Avg	750
	Water in	Min Max Avg	750
80	(Depth	Min	750
0/04/20		Y Wells	1
REPORT 1		¥	
WATER		×	
AVERAGE DEPTH OF WATER REPORT 10/04/2008		Zone	
GE 1		Sec	34
AVERA		Rng	SJ 27N 04W 34
		Tws	27N
		Bsn	50

New Mexico Office of the State Engineer POD Reports and Downloads

		AVER	AGE.	AVERAGE DEPTH OF WATER REPORT 10/04/2008	WATER	KEPOKI 1	0/04/50	200		
								(Depth	Water in	Feet)
Bsn	Tws	Rng	Sec	Zone	×	Y	Y Wells	Min	Max	Avg
RG	27N	27N 05M 27	27				H	186	186 186 186	186
20	27N	05W	04				₩	260	260	260
Deco	S Post	Decord Count.	0							

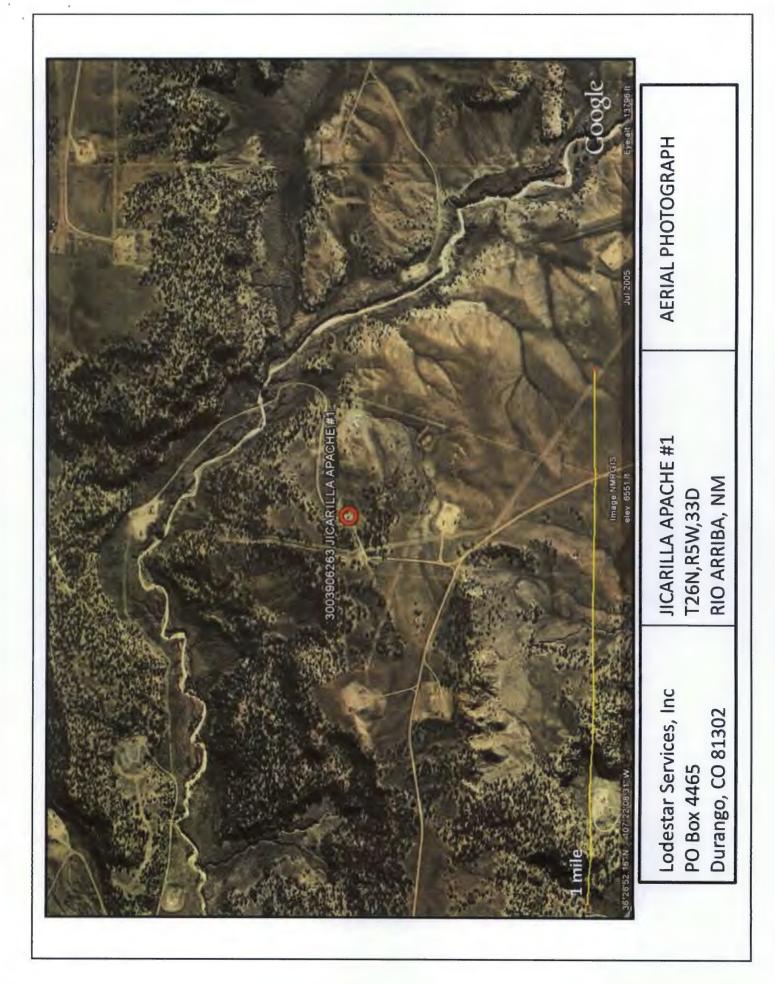
New Mexico Office of the State Engineer POD Reports and Downloads

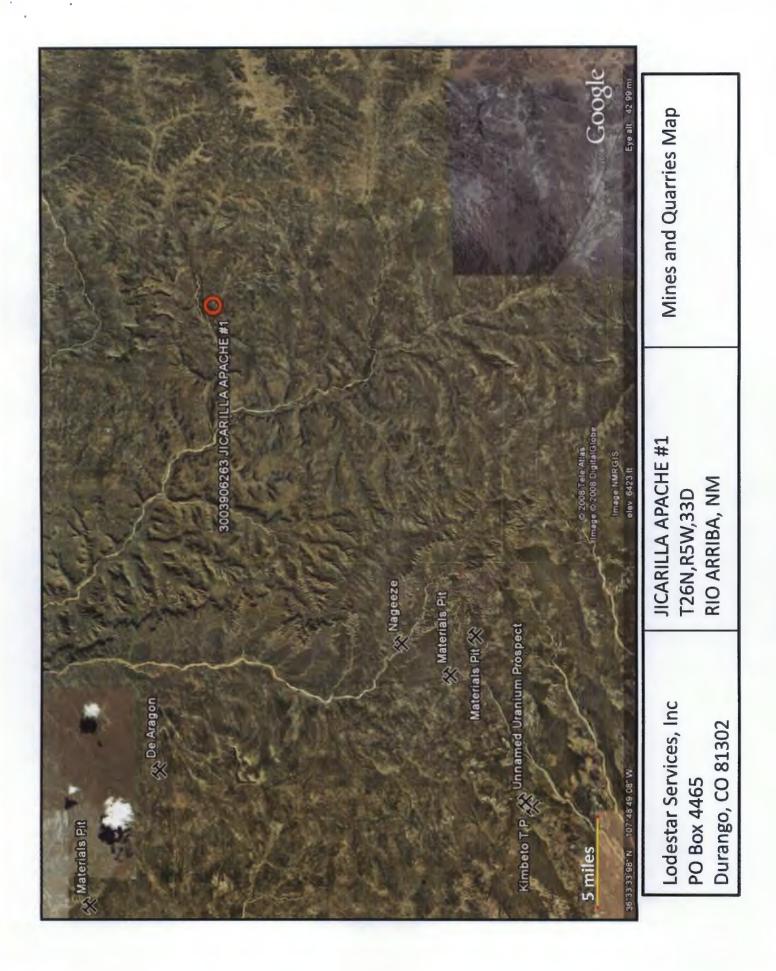
	-	6	\vdash	0	N
	Feet	AV	বা	30	362
	in	м		-	
	Water	Max	41	300	485
m	(Depth	Min	41	300	301
AVERAGE DEPTH OF WATER REPORT 09/30/2008		Y Wells	-	H	m
REPORT 0		×			
WATER		×			
DEPTH OF		Zone			
GE C		Sec	07	30	32
AVERA		Rng	067	0670	06W
•		TWS	27N	27N	27N 06W 32
					9

New Mexico Office of the State Engineer POD Reports and Downloads

		AVER	AGE	IVERAGE DEPTH OF WATER REPORT 09/30/2008	WATER	REPORT	08/30/	2008		
								(Dept]	h Water in	
Bsn	TWS	Rng	Sec	Zone	×	_	Wells			
RG	27N	0770	35					1 465		465
30	27N	0770	15					1 500		500
9	27N	07W 17	17					320	320	320
200	27N	0770	21					300		300
0	27N	0700	35					250		250

8 8 8 9 9 9





XTO Energy Inc. San Juan Basin (Northwest New Mexico) General Design and Construction Plan For Below-Grade Tanks

In accordance with Rule 19.15.17.11 NMAC the following information describes the design and construction of below-grade tanks on XTO Energy Inc. (XTO) locations. This is XTO's standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

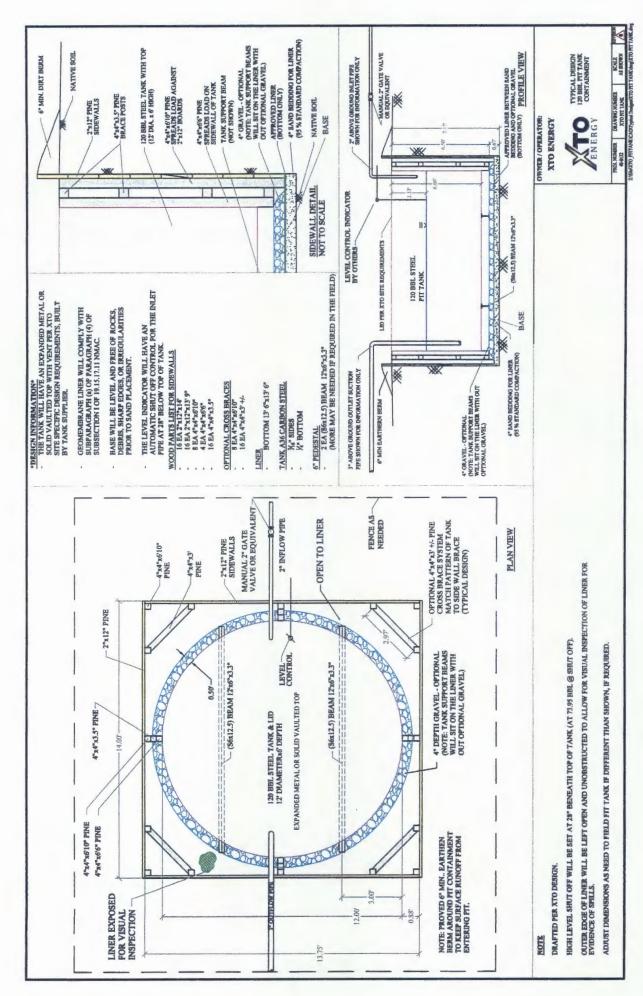
General Plan

- 1. XTO will design and construct below-grade tanks to contain liquids and solids and prevent contamination of fresh water and protect public health and environment.
- XTO will post a well sign, in compliance with 19.15.3.103 NMAC, on the existing well site
 operated by XTO where the existing below-grade tank is located. The sign will list the Operator
 on record as the operator, the location of the well site by unit letter, section, township, range, and
 emergency telephone numbers.
- 3. XTO is requesting approval of an alternative fencing to be used on below-grade tank locations. Below-grade tank locations will be fenced utilizing 48" steel mesh field-fence (hogwire) with pipe railing along the top. A 6' chain link fence will be utilized around the well pad if the well site is within a city limits or ½ mile of a permanent residence, school, hospital, institution or church. Below-grade tanks located within 1000' of a permanent residence, school, hospital, institution or church will be fenced by 6' chain link fence with at least two strands of barbed wire at the top. All gates associated with below-grade tanks will remain closed and locked when responsible individuals are not on site.
- 4. XTO shall construct below-grade tanks with an expanded metal covering or solid vaulted top on the top of the below-grade tank.
- 5. XTO will ensure that below-grade tanks are constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight. Tanks will be constructed of A36 carbon steel with 3/16" sides and '4" bottom. (See attached drawing).
- 6. The below-grade tank system will have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom. Sand bedding (4") will be placed on top of a level foundation to ensure prevention of punctures, cracks or indentations of the liner or tank bottom.
- 7. XTO will construct a berm and/or diversion ditch in a manner that prevents the collection of surface water run-on. Below-grade tanks will be equipped with automatic high level shut-off devices as well as manually operated shut-off valves. (See attached drawing).
- 8. XTO will construct and use below-grade tanks that do not have double walls. The below-grade tank sidewalls will be open for visual inspection for leaks. The sidewalls of the cellar will be constructed with 2" X 12" pine sidewalls and 4" X 4" pine brace posts. The below-grade tank

XTO Energy Inc.
San Juan Basin (Northwest New Mexico)
General Design and Construction Plan
For Below-Grade Tanks
Page 2

bottom will be elevated a minimum of 6" above the underlying ground surface and the belowgrade tank will be underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected. (See attached drawing).

- XTO will equip below-grade tanks designed in this manner with a properly functioning automatic high-level shut-off control device and manual controls to prevent overflows. (See attached drawing).
- XTO will demonstrate to the OCD that the geomembrane liner complies with the specifications of Subparagraph (a) of Paragraph (4) of Subsection I of 19.15.17.11 NMAC and obtain approval from OCD prior to the installation of the design. The geomembrane liner shall have a hydraulic conductivity no greater than 1 x 10-9 cm/sec. The geomembrane liner shall be composed of an impervious, synthetic material that is resistant to petroleum hydrocarbons, salts and acidics and alkaline solutions. The liner material shall be resistant to ultraviolet light. Liner compatibility shall comply with EPA SW-846 method 9090A. (See attached drawing).
- 11. The general specifications for design and construction are attached.



XTO Energy Inc. San Juan Basin (Northwest New Mexico) General Maintenance and Operating Plan For Below-Grade Tanks

In accordance with Rule 19.15.17.12 NMAC the following information describes the operation and maintenance of below-grade tanks on XTO Energy Inc. (XTO) locations. This is XTO's standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

General Plan

- 1. XTO will operate and maintain below-grade tanks to contain liquids and solids, maintain the integrity of the liner and secondary containment system, prevent contamination of fresh water and protect public health and the environment. Fluid levels will be monitored weekly and high levels will be removed as necessary. Monthly inspections will be conducted to monitor integrity of below-grade tank systems and below-grade tanks will be equipped with automatic high-level shut-off devices.
- 2. XTO will not allow below-grade tanks to overflow and will use berms and/or diversion ditch to prevent surface run on to enter the below-grade tank. Below-grade tanks will be equipped with automatic high-level shut-off control devices as well as manually operated shut-off valves. See attached drawing for vault design and placement of diversion berms and shut-off devices.
- XTO will continuously remove any visible or measurable layer of oil from the fluid surface of below-grade tanks in order to prevent significant accumulation of oil.
 - 4. XTO will inspect the below-grade tank monthly and maintain written records for five years. Monthly inspections will consist of documenting the following: (see attached template),

Well Name
API #
Sec., Twn., Rng.
XTO Inspector's name
Inspection date and time
Visible tears in liner
Visible signs of tank overflow
Collection of surface run on
Visible layer of oil
Visible signs of tank leak
Estimated freeboard

- XTO will maintain adequate freeboard to prevent over topping of the below-grade tank. High level shut-off devices control the freeboard at an average of 28" beneath the top of the tank.
- 6. XTO will not discharge into or store any hazardous waste in any below-grade tank.
- If a below-grade tank develops a leak, or if any penetration of a below-grade tank occurs below the liquids surface, XTO will remove all liquids above the damage or leak line within 48 hours,

XTO Energy Inc. San Juan Basin (Northwest New Mexico) General Maintenance and Operating Plan For Below-Grade Tanks Page 2

notify the appropriate division district office within 48 hours of the discovery and repair the damage or replace the below-grade tank. If an existing below-grade tank does not meet current requirements of Paragraphs 1-4 of Subsection I of 19.15.17.11 NMAC the tank will be modified or retrofitted to comply. If compliance can not be achieved XTO will implement the approved closure plan.

		MONTH	ILY BELO	MONTHLY BELOW GRADE TANK INSPECTION FORM	INSPECTIO	N FORM		
Well Name:	ë				API No.:			
Legals	Sec:		Township:		Range:			
XTO Inspector's Name	Inspection	Inspection	Any visible liner tears (Y/N)	Any visible signs of tank overflows (Y/N)	Collection of surface run on (Y/N)	Visible layer of oil (Y/N)	Any visible signs of a tank leak (Y/N)	Freeboard Est. (ft)
Notes:	Provide De	Provide Detailed Description:	ption:					
Misc:								

XTO Energy Inc. San Juan Basin (Northwest New Mexico) General Closure Plan For Below-Grade Tanks

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of below-grade tanks on XTO Energy Inc. (XTO) locations. This is XTO's standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

General Plan

- XTO will close below-grade tanks within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the division requires because of imminent danger to fresh water, public health or the environment.
- XTO will close a below-grade tank that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC.
- XTO will close a permitted below-grade tank within 60 days of cessation of the below-grade tank's operation or as required by the transitional provisions of Subsection B of 19.15.17.17 NMAC in accordance with a closure plan that the appropriate division district office approves. The closure report will be filed on form C-144.
- 4. XTO will remove liquids and sludge from below-grade tanks prior to implementing a closure method and will dispose of the liquids and sludge in a division-approved facility. Approved facilities and waste streams include:

Envirotech Permit No. NM01-0011 and IEI Permit No. NM 01-0010B

Soil contaminated by exempt petroleum hydrocarbons

Produced sand, pit sludge and contaminated bottoms from storage of exempt wastes

Basin Disposal Permit No. NM01-005 Produced water

- 5. XTO will remove the below-grade tank and dispose of it in a division approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office has approved prior to removal. Any associated liners will be removed, properly cleaned and disposed of per 19.15.9.712 NMAC at San Juan County Landfill. Documentation of the final disposition will be included in the closure report.
- XTO will remove any on-site equipment associated with a below-grade tank unless the equipment is required for some other purpose.
- 7. XTO will test the soils beneath the below-grade tank to determine whether a release has occurred. At a minimum 5 point composite sample will be collected along with individual grab samples from any area that is wet, discolored or showing other evidence of a release. Samples will be

XTO Energy Inc.
San Juan Basin (Northwest New Mexico)
General Closure Plan
For Below-Grade Tanks
Page 2

analyzed for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. XTO will notify the division of its results on form C-141.

- If XTO or the division determines that a release has occurred, XTO will comply with 19.15.3.116
 NMAC and 19.15.1.19NMAC as appropriate.
- 9. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, XTO will backfill the excavation with compacted, non-waste containing, earthen material; construct a division prescribed soil cover; recontour and re-vegetate the site.
- 10. Notice of Closure operations will be given to the Aztec Division District III office between 72 hours and one week prior to the start of closure activities via email or verbally. The notification will include the following:
 - i. Operator's name
 - ii. Well Name and API Number
 - iii. Location by Unit Letter, Section, Township, and Range

The surface owner shall also be notified prior to the implementation of any closure operations of below-grade tanks as per the approved closure plan using certified mail, return receipt requested.

- 11. Re-contouring of location will match fit, shape, line, form and texture of the surrounding area.

 Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 12. A minimum of 4 feet of cover shall be achieved and the cover shall include 1 foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. Soil cover will be constructed to the site's existing grade and ponding of water and erosion of the cover material will be prevented with drainage control, natural drainages and silt traps where needed.
- XTO will seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will be used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

XTO Energy Inc. San Juan Basin (Northwest New Mexico) General Closure Plan For Below-Grade Tanks Page 3

- 14. All closure activities will include proper documentation and be available for review upon request and will be submitted in closure report form to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on form C-144 and incorporate the following:
 - i. Proof of closure notice to division and surface owner;
 - ii. Details on capping and covering, where applicable;
 - iii. Inspection reports;
 - iv. Confirmation sampling analytical results;
 - v. Disposal facility name(s) and permit number(s);
 - vi. Soil backfilling and cover installation;
 - vii. Re-vegetation application rates and seeding techniques, (or approved alternative to re-vegetation requirements if applicable);
 - viii. Photo documentation of the site reclamation.

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

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

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

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

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

QUESTIONS

Action 96106

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96106
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

QUESTIONS

Facility and Ground Water	
Please answer as many of these questions as possible in this group. More information will help us i	dentify the appropriate associations in the system.
Facility or Site Name	JICARILLA APACHE 1
Facility ID (f#), if known	Not answered.
Facility Type	Below Grade Tank - (BGT)
Well Name, include well number	JICARILLA APACHE 1
Well API, if associated with a well	30-039-06263
Pit / Tank Type	Not answered.
Pit / Tank Name or Identifier	Not answered.
Pit / Tank Opened Date, if known	Not answered.
Pit / Tank Dimensions, Length (ft)	Not answered.
Pit / Tank Dimensions, Width or Diameter (ft)	Not answered.
Pit / Tank Dimensions, Depth (ft)	Not answered.
Ground Water Depth (ft)	Not answered.
Ground Water Impact	No
Ground Water Quality (TDS)	Not answered.

Below-Grade Tank	
Subsection I of 19.15.17.11 NMAC	
Volume / Capacity (bbls)	120
Type of Fluid	Produced Water
Pit / Tank Construction Material	Steel
Secondary containment with leak detection	Not answered.
Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	Not answered.
Visible sidewalls and liner	Not answered.
Visible sidewalls only	Not answered.
Tank installed prior to June 18. 2008	True
Other, Visible Notation. Please specify	Not answered.
Liner Thickness (mil)	Not answered.
HDPE (Liner Type)	Not answered.
PVC (Liner Type)	Not answered.
Other, Liner Type. Please specify (Variance Required)	Not answered.

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

QUESTIONS, Page 2

Action 96106

QUESTIONS (continued)	
Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96106
	Action Type:

[C-144] Legacy Below Grade Tank Plan (C-144LB) QUESTIONS Fencing Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located Not answered. within 1000 feet of a permanent residence, school, hospital, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four Not answered. feet Alternate, Fencing. Please specify (Variance Required) 4' steel mesh Netting Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Not answered. Netting Not answered Other, Netting. Please specify (Variance May Be Needed) expanded metal or solid vaulted top Signs Subsection C of 19.15.17.11 NMAC (If there are multiple operators at a site, each operator must have their own sign in compliance with Subsection C of 19.15.17.11 NMAC.) 12"x 24", 2" lettering, providing Operator's name, site location, and emergency Not answered. Signed in compliance with 19.15.16.8 NMAC True Variances and Exceptions Justifications and/or demonstrations ofequivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank Requests must be submitted to the appropriate division district for consideration Not answered. of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for Not answered. consideration of approval

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

QUESTIONS, Page 3

Action 96106

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96106

QUESTIONS (continued)

Action Type: [C-144] Legacy Below Grade Tank Plan (C-144LB)

QUESTIONS

Siting Criteria (regarding permitting) 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.

Siting Criteria, General Siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank	No
NM Office of the State Engineer - iWATERS database search	True
USGS	Not answered.
Data obtained from nearby wells	Not answered.

Siting Criteria, Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lakebed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark)	No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption	No

ed Closure Method	
Below-grade Tank	Below Grade Tank - (BGT)
Waste Excavation and Removal	Not answered.
Alternate Closure Method. Please specify (Variance Required)	Not answered.

Operator Application Certification		
	Registered / Signature Date	11/25/2008

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ACKNOWLEDGMENTS

Action 96106

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96106
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

ACKNOWLEDGMENTS

V	I acknowledge that I have received prior approval from the OCD to submit documentation of a legacy below-grade tank on behalf of my operator.	
I hereby certify that the information submitted with this documentation is true, accurate and complete to the best of my knowledge and belief.		

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

CONDITIONS

Action 96106

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96106
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

CONDITIONS

Created By		Condition Date
vvenegas	None	7/22/2022