4625 N. French Dr., Hobbs, NM 88240 District 11 1301 W. Grand Avenue, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

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 puts and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD

Proposed Alternat	ive Method Permit			
Existing BGT Closure of a	n to an existing permit n only submitted for an ex ernative method Form C-144) per individual	elow-grade tank, or prosisting permitted or non- nit, closed-loop system, be	pposed alternative method permitted pit, closed-loop system. clow-grade tank or alternative reques	st
environment. Nor does approval relieve the operator of its re	esponsibility to comply with a	y other applicable governm	nemat authority's rules, regulations of of	dilances
Operator: XTO Energy, Inc.		OGRID #:	5380	
Address: #382 County Road 3100, Aztec, NM 87	410			
Facility or well name:licarilla Apache #9F				
API Number: 30-039-29655	OCD Perm	t Number:		
U/L or Otr/Otr Section28 Town	ship <u>26N</u> Range	County:	Rio Arriba	
Center of Proposed Design: Latitude 36.45505	Longitude	107.35705	NAD: 🔲 1927 🔀 1983	
Surface Owner: Federal State Private Tril				
☐ Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: ☐ Drilling ☐ Workover ☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Lined ☐ Unlined Liner type: Thickness ☐ ☐ String-Reinforced Liner Seams: ☐ Welded ☐ Factory ☐ Other	mil LLDPE H			
3. Closed-loop System: Subsection H of 19.15.17.1 Type of Operation: P&A Drilling a new well intent) Drying Pad Above Ground Steel Tanks Lined Unlined Liner type: Thickness Liner Seams: Welded Factory Other	Workover or Drilling (Application)			
Tank Construction material: Steel ☐ Secondary containment with leak detection ☐ V ☐ Visible sidewalls and liner ☐ Visible sidewalls	Produced Water /isible sidewalls, liner, 6-incl	ewalls, vaulted, automatic	high-level shut off, no liner	2 4:19:36 PM

Alternative Method:

Liner type: Thickness

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

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) 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	hospital,
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)	
s. 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	
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. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for
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 accepmaterial are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approance of fice 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 dry above-grade tanks associated with a closed-loop system.	opriate district approval.
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 ⊠ N
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 🛭 N
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 🛭 N
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ N ☑ NA
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 ⊠ N
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 ⊠ N
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes 🖾 1
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes 🛛 1
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes 🛛 1
Within a 100-year floodplain FEMA map	☐ Yes 🛛 N
	7 7

o l		
ii. Temporary Pits, Emergency Pits, and Below-grade Tank Instructions: Each of the following items must be attached attached.	s Permit Application Attachment Checkl d to the application. Please indicate, by a c	ist: Subsection B of 19.15.17.9 NMAC heck mark in the box, that the documents are
 ⊠ Hydrogeologic Report (Below-grade Tanks) - based u □ Hydrogeologic Data (Temporary and Emergency Pits) ⊠ Siting Criteria Compliance Demonstrations - based up □ Design Plan - based upon the appropriate requirement. 	 based upon the requirements of Paragraph on the appropriate requirements of 19.15.17 s of 19.15.17.11 NMAC 	n (2) of Subsection B of 19.15.17.9 NMAC 1.10 NMAC
 ✓ Operating and Maintenance Plan - based upon the app ✓ Closure Plan (Please complete Boxes 14 through 18, i and 19.15.17.13 NMAC 	ropriate requirements of 19.15.17.12 NMAC f applicable) - based upon the appropriate re	equirements of Subsection C of 19.15.17.9 NMAC
Previously Approved Design (attach copy of design)	API Number:	or Permit Number:
12. Closed-loop Systems Permit Application Attachment Ch. Instructions: Each of the following items must be attached attached.	ecklist: Subsection B of 19.15.17.9 NMAC it to the application. Please indicate, by a control of the subsection of the s	heck mark in the box, that the documents are
Geologic and Hydrogeologic Data (only for on-site cl Siting Criteria Compliance Demonstrations (only for Design Plan - based upon the appropriate requirement Operating and Maintenance Plan - based upon the app Closure Plan (Please complete Boxes 14 through 18, iand 19.15.17.13 NMAC	on-site closure) - based upon the appropriate is of 19.15.17.11 NMAC propriate requirements of 19.15.17.12 NMA	requirements of 19.15.17.10 NMAC
Previously Approved Design (attach copy of design)	<u>'</u>	-
☐ Previously Approved Operating and Maintenance Plan above ground steel tanks or haul-off bins and propose to imp		_ (Applies only to closed-loop system that use
Permanent Pits Permit Application Checklist: Subsection Instructions: Each of the following items must be attached attached. Hydrogeologic Report - based upon the requirements Siting Criteria Compliance Demonstrations - based upon the requirements Climatological Factors Assessment Certified Engineering Design Plans - based upon the spoke Protection and Structural Integrity Design - based Leak Detection Design - based upon the appropriate requirement Liner Specifications and Compatibility Assessment - Quality Control/Quality Assurance Construction and Operating and Maintenance Plan - based upon the appropriate of Preeboard and Overtopping Prevention Plan - based upon the appropriate of Hazardous Odors, including H2S, Preventing Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requiremental. 14. Proposed Closure: 19.15.17.13 NMAC	of Paragraph (1) of Subsection B of 19.15.17 on the appropriate requirements of 19.15.17 appropriate requirements of 19.15.17.11 NM d upon the appropriate requirements of 19.1 equirements of 19.15.17.11 NMAC based upon the appropriate requirements of 19.15.17.12 NMAC based upon the appropriate requirements of 19.15.17.12 NMAC pon the appropriate requirements of 19.15.17.19 nm Plan	7.9 NMAC 7.10 NMAC IAC 5.17.11 NMAC 19.15.17.11 NMAC C 7.11 NMAC
Instructions: Please complete the applicable boxes, Boxes Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavita ☐ Alternative Proposed Closure Method: ☒ Waste Excavation and Remo ☐ Waste Removal (Closed-loc	oval op systems only)	w-grade Tank Closed-loop System
☐ In-place Burial	lly for temporary pits and closed-loop systen On-site Trench Burial	ns)
Alternative Closure Method Waste Excavation and Removal Closure Plan Checklist: closure plan. Please indicate, by a check mark in the box, Protocols and Procedures - based upon the appropriate Confirmation Sampling Plan (if applicable) - based up Disposal Facility Name and Permit Number (for liquid Soil Backfill and Cover Design Specifications - based Re-vegetation Plan - based upon the appropriate requi Site Reclamation Plan - based upon the appropriate recommendation	(19.15.17.13 NMAC) Instructions: Each of that the documents are attached. The requirements of 19.15.17.13 NMAC from the appropriate requirements of Subsections, drilling fluids and drill cuttings) upon the appropriate requirements of Subsections	on F of 19.15.17.13 NMAC ection H of 19.15.17.13 NMAC AC
Form C-144	Oil Conservation Division	Page 3 of 5
		*

16.			
Waste Removal Closure For Closed-loop System	ms That Utilize Above Ground Steel Tanks or Haul-off Bins lities for the disposal of liquids, drilling fluids and drill cutting	Only: (19.15.17.13.D NMAC) s. Use attachment if more than	two
Disposal Facility Name:	Disposal Facility Permit Numl	ber:	
Disposal Facility Name:	Disposal Facility Permit Number	ber:	
Will any of the proposed closed-loop system opera Yes (If yes, please provide the information by	ations and associated activities occur on or in areas that will not below) \square No	be used for future service and op	eratio
Re-vegetation Plan - based upon the appropria	d for future service and operations: ons based upon the appropriate requirements of Subsection H riate requirements of Subsection I of 19.15.17.13 NMAC ropriate requirements of Subsection G of 19.15.17.13 NMAC	of 19.15.17.13 NMAC	_
provided below. Requests regarding changes to c	onstration of compliance in the closure plan. Recommendation certain siting criteria may require administrative approval fron I to the Santa Fe Environmental Bureau office for considerati	n the appropriate district office of	or mav
Ground water is less than 50 feet below the bottom - NM Office of the State Engineer - iWATE	n of the buried waste. RS database search; USGS; Data obtained from nearby wells	☐ Yes [□ No
Ground water is between 50 and 100 feet below the - NM Office of the State Engineer - iWATE	e bottom of the buried waste RS database search; USGS; Data obtained from nearby wells	☐ Yes [☐ NA	□ No
Ground water is more than 100 feet below the botto - NM Office of the State Engineer - iWATE	om of the buried waste. RS database search; USGS; Data obtained from nearby wells	Yes [□No
Within 300 feet of a continuously flowing watercollake (measured from the ordinary high-water mark Topographic map; Visual inspection (certification)		, sinkhole, or playa Yes [□ No
Within 300 feet from a permanent residence, school - Visual inspection (certification) of the prop	ol, hospital, institution, or church in existence at the time of initi posed site; Aerial photo; Satellite image	al application.	□ No
watering purposes, or within 1000 horizontal feet o	resh water well or spring that less than five households use for dof any other fresh water well or spring, in existence at the time of RS database; Visual inspection (certification) of the proposed si	f initial application.	□ No
adopted pursuant to NMSA 1978, Section 3-27-3, a	in a defined municipal fresh water well field covered under a mu as amended. the municipality; Written approval obtained from the municipali		□ No
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification	on map; Topographic map; Visual inspection (certification) of the	☐ Yes ☐	□ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map	p from the NM EMNRD-Mining and Mineral Division	☐ Yes [□ No
Within an unstable area. - Engineering measures incorporated into the Society; Topographic map	e design; NM Bureau of Geology & Mineral Resources; USGS;	NM Geological Yes	□ No
Within a 100-year floodplain FEMA map		☐ Yes [□ No
by a check mark in the box, that the documents ar Siting Criteria Compliance Demonstrations - Proof of Surface Owner Notice - based upon Construction/Design Plan of Burial Trench Construction/Design Plan of Temporary Pit (Protocols and Procedures - based upon the ap Confirmation Sampling Plan (if applicable) - Waste Material Sampling Plan - based upon Disposal Facility Name and Permit Number Soil Cover Design - based upon the appropri Re-vegetation Plan - based upon the appropri	MAC) Instructions: Each of the following items must be attacked. - based upon the appropriate requirements of 19.15.17.10 NMA: the appropriate requirements of Subsection F of 19.15.17.13 N (if applicable) based upon the appropriate requirements of 19.15 (for in-place burial of a drying pad) - based upon the appropriate propriate requirements of 19.15.17.13 NMAC - based upon the appropriate requirements of Subsection F of 19.15.17.13 NM (for liquids, drilling fluids and drill cuttings or in case on-site cliate requirements of Subsection H of 19.15.17.13 NMAC right requirements of Subsection I of 19.15.17.13 NMAC oppriate requirements of Subsection G of 19.15.17.13 NMAC	C MAC 5.17.11 NMAC e requirements of 19.15.17.11 NI 0.15.17.13 NMAC MAC	мас
Form C-144	Oil Conservation Division	Page 4 of 5	

r fo		
3663		
19. Operator Application Certification:		
I hereby certify that the information submitted with this applic	cation is true, accurate and complete to the	e best of my knowledge and belief.
Name (Print): Kim Champlin		Environmental Representative
1. 1.		
		11.20.08
e-mail address: kim_champlin@xtoenergy.com	relepnone:	(505) 333-3100
OCD Approval: Permit Application (including closure pl		Conditions (see attachment)
OCD Representative Signature: <u>Jaclyn Burdine</u>	·	Approval Date: <u>08/01/2022</u>
Title: Environmental Specialist-A	OCD Permit Numb	er: BGT1
21. Closure Report (required within 60 days of closure completed instructions: Operators are required to obtain an approved of the closure report is required to be submitted to the division section of the form until an approved closure plan has been of	closure plan prior to implementing any consistent of the completion of the completio	losure activities and submitting the closure report. closure activities. Please do not complete this seen completed.
22.		
Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Me ☐ If different from approved plan, please explain.	athod	☐ Waste Removal (Closed-loop systems only)
Closure Report Regarding Waste Removal Closure For Cle Instructions: Please indentify the facility or facilities for whe two facilities were utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activiti	Disposal Facility Per	uttings were disposed. Use attachment if more than rmit Number: rmit Number:
☐ Yes (If yes, please demonstrate compliance to the items Required for impacted areas which will not be used for future s ☐ Site Reclamation (Photo Documentation) ☐ Soil Backfilling and Cover Installation	below)	·
Re-vegetation Application Rates and Seeding Technique		
Closure Report Attachment Checklist: Instructions: Each 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 Disposal Facility Name and Permit Number) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Techniques Site Reclamation (Photo Documentation) On-site Closure Location: Latitude	e) or on-site closure)	to the closure report. Please indicate, by a check NAD: 1927 1983
25.		
Operator Closure Certification: I hereby certify that the information and attachments submitted belief. I also certify that the closure complies with all applicab	le closure requirements and conditions sp	and complete to the best of my knowledge and becified in the approved closure plan.
Name (Print):	Title:	222 4:
Signature:	Date:	
e-mail address:	Telephone:	8/7
		Imaging
Form C-144	Oil Conservation Division	and complete to the best of my knowledge and becified in the approved closure plan. Page 5 of 5 Page 5 of 5

Received by OCD: 4/6/2022 9:10:54 AM

DISTRICT 1 1625 N. French Dr., Hobbs, N.M. 88240

CISTRICT II 1301 W. Grond Ave., Artesia, N.M. 88210

1000 Rio Brozos Rd., Aztec, N.M. 87410

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Pool Code 599

Form C-102 Revised June 10, 2003

Submit to Appropriate District Office

Pool Name

AKOTA

State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

* Well Number

CISTRICT IV 1220 South St. Francis Dr., Santa Fe, NM 87505

30.039-2965

WELL LOCATION AND ACREAGE DEDICATION PLAT

*Property Code	*Property Name * Well Number										
		JICARILLA APACHE 9F									
⁷ OGRID No.	<u> </u>	* Elevation									
167067		XTO ENERGY INC. 6668									
	¹⁰ Surface Location										
UL or fat no. Section 28	Township 26-N	Ronge 5-W	Lot Idn	Feet from the 1700	North/South line SOUTH	Feet from the 665	Eost/West ilne EAST	County RIO ARRIBA			
	*******	" Botte	om Hole	Location If	Different From	n Surface		,			
UL or lot no. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
2 Dedicated Acres	1	oint or Infill		16 Consolidation Co	da	¹⁰ Order No.					
					N UNTIL ALL I			NSOLIDATED			
					CALC'D BY PROJEC	COR. 17 (OPERATOR CE that the information co ete to the best of my lu	stgined herein is			
			28			Title Date	2 Vaug Lyla Va Llatory 1/19/106 URVEYOR CER	han ughan Comp			
		LON	AT: 36'27 VG: 107'2	18.2" N. (N. 1'25.4" W. (N.	AD 27) 665 AD 27)	was plotted from under my s correct to the	y that the well location field notes of octus rupervision, and that to best of my belief.	surveye mode by me			
CALC'D COR. BY PROJECTION		N 89 5309	55-36 W		CALC'D BY PROJE	COR, Cartificate in	14831 14831 1483 1483 1483 1483	ROWING			

Ar 1 . a ·	T	Pit Permit		Cilent:	7170 Endig)		
Lodestar Services	Siting Criteria			Project:			
PO Box 4465, Durango,				Revised:			
V		Information Shee	et	Prepared by:	Daniel Newman		
API#:		3003929655		USPLSS:	TOON DEWIND		
		3003929033					
Name:	JICA	RILLA APACHE #9F		Lat/Long:	38.45505 / -107.35705		
Depth to groundwater:		>100'		Geologic formation:	San Jose Formation		
Distance to closest continuously flowing watercourse:	l 77 mila	s northwest to the San Juan River					
Distance to closest significant watercourse, lakebed, laya lake, or sinkhole:		south of Tapicito Creek					
Permanent residence,				Soil Type:	Entisols		
school, hospital, institution or church within 300'		No					
				Annuai Precipitation:	4		
Domestic fresh water well or spring within 500'		No		INO I		Precipitation Notes:	i / 'IM'' larnest naliv raintali on record
Any other fresh water well or spring within 1000'		No		1277			
With the state of the state of							
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	No F	EMA data available					
plain							
Additional Notes:	3/8/75/5						
					MANAGE CO.		
		_					
		Pag	e 1	of 1			

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Jicarilla Apache #9F 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 Apachie 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.

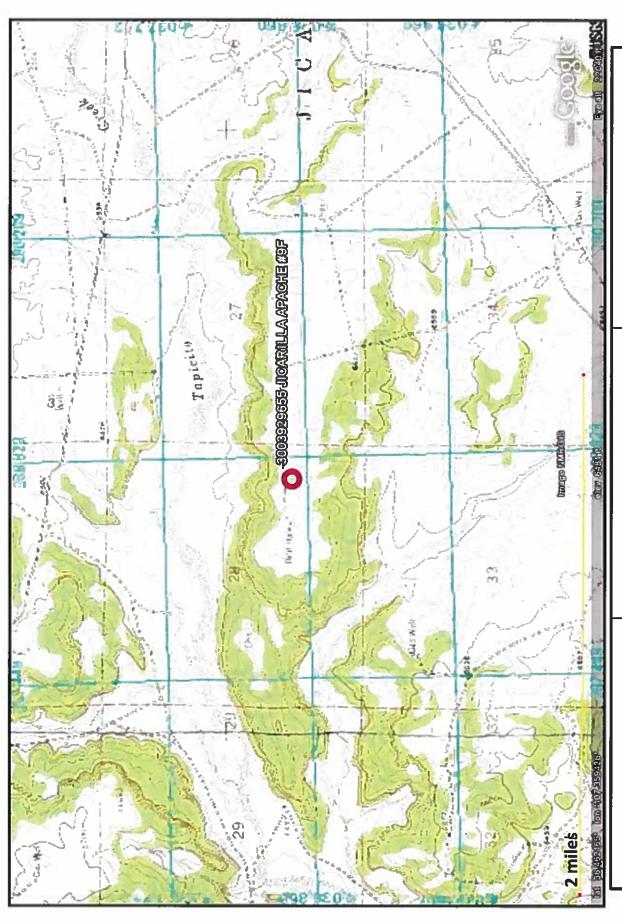
Dry and arid weather further prohibit active recharge. The climate of the region is arid, averaging just over 12 inches of rainfall annually. As is typical of the southwestern United States monsoonal weather patterns, most precipitation falls from August through October. The heaviest rainfall occurs 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.

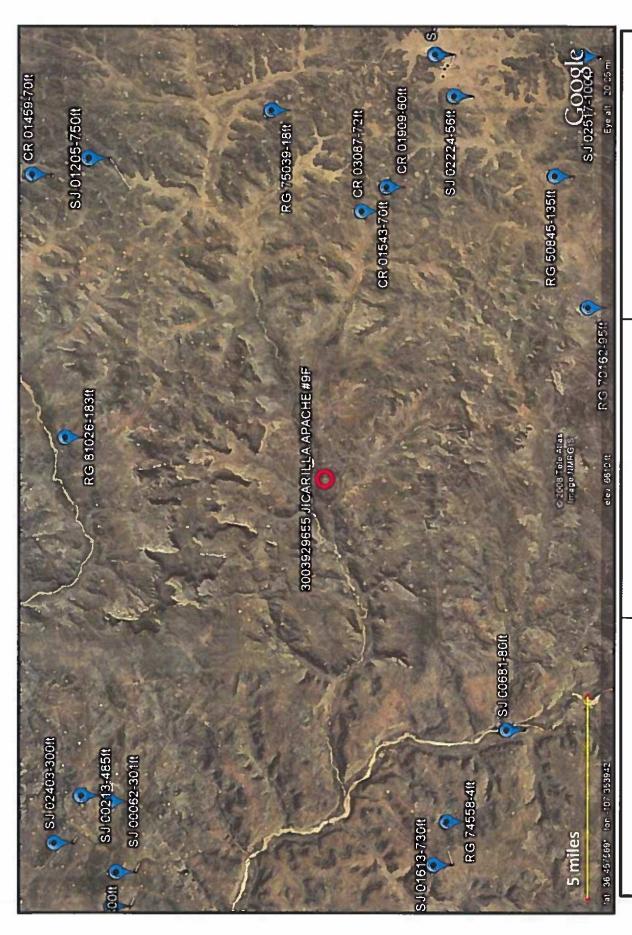
Beds of water-yielding sandstone are present in the San Jose Formation, which are fluvial in origin and are interbedded with mudstone, siltstone, and shale. "Extensive intertonguing" of different members of this formation is reported. (Stone et al, 1983). Porous sandstones form the principal aquifers, 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 6650 feet. This region is deeply incised by canyons, washes, gullies and arroyos, with Tacipito Creek being the predominant topographic feature. The mesas are composed of cliff-forming sandstone, and systems of dry washes and their tributaries composed of alluvium are evident on the attached aerial image. Groundwater is expected to be shallow within Tapicito Creek and within the surrounding tributary systems. An elevation difference between the site and the base of Tapicito Creek of approximately one hundred and fifty feet suggests groundwater at the proposed site is considerably deeper.

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 five and half miles southeast, and is not representative of the site in question. The observations made within this report suggest that groundwater is greater than 100 feet deep at the proposed location.



JICARILLA APACHE #9F RIO ARRIBA, NM T26N,R5W,28I Lodestar Services, Inc Durango, CO 81302 PO Box 4465

TOPOGRAPHIC MAP



Lodestar Services, Inc PO Box 4465 Durango, CO 81302

JICARILLA APACHE #9F T26N,R5W,28I RIO ARRIBA, NM

i-Waters Ground Water Data Map

New Mexico Office of the State Engineer POD Reports and Downloads

2008
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REPORT
WATER
OF
DEPTH
AVERAGE

Feet)	Avg	125	165	18	245	265	225	56	850	75	127	110	650	100	110	30	73
Water in	Max	125	165	8	245	265	225	56	850	75	160	110	650	100	110	30	75
(Depth	Min	125	165	18	245	265	225	56	850	75	90	110	620	100	110	30	7.0
	Wells	Н	Н	ન	– I	⊣	~ -I	H	¢-1	ᆏ	ന	Н	¢/1	¢/1	۳I	(- 1	C/I
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	×																
	Zone																
	Sec	24	33	36	10	08	1 3	18	22	23	25	26	27	32	33	35	36
	Rng	0314	Ú3W	03W	0314	03W	03W	03W	03W	Ú3W	03W	03W	03W	03W	Ú3W	03W	03W
	Tws	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N	25N
	Bsn	RG	RG	RG	to Cl	ت را	in D	B C	8 D	s C	g U	a را	B.C.	s D	9 D	s G	s C

Feet)	Avg	135
Water in	Max	135
(Depth	Min	135
	Wells	e-f
	Ħ	
	×	
	Zone	
	Sec	
	Rng	04W
	TWB	25N

Bsn RG

2008
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REPORT
WATER
OF
DEPTH
AVERAGE

	Feet)	Avg	500	80
	Water in	Min Max	500	80
80	(Depth	Min	500	80
02/30/50		Wells	rl	Н
REPORT (Ħ		
WATER		×		
AVERAGE DEPTH OF WATER REPORT 09/30/2008		Zone		
E E		Sec	Ū3	21
AVERA			ÜEW	
		Tws	25N	25N
		Bsn	מ	9 U

09/30/2008
REPORT 09
OF WATER
DEPTH 0
AVERAGE

Feet)	Avg	730
Water in	Max	730
	Min	
	Wells	H
	Ħ	
	×	
	Zone	
	Sec	
	Rng	0.77
	Tws	25N
	Bsn	8.J

	Feet)	Avg	400	18	C1	180
	Water in	Max	400	18	26	180
80	(Depth	Min	400	18	C1	180
09/30/2008		Wells	Н	H	2	Н
WATER REPORT 0		×				
WATER		×				
AVERAGE DEPTH OF		Zone				
GE		Sec	01	0.5	15	30
AVERA		Rng	0.7W	0.70	0.7W	07W
		TWS	26N	26N	2 6N	2 EN
		Bsn	30	8 D	s G	B C

	Feet)		750
	Water in	Max	750 750
80	(Depth	Min	750
10/04/20		Wells	1
REPORT 10/04/200		×	
WATER		×	
AVERAGE DEPTH OF WATER		Zone	
GE		Sec	34
AVERA		Rng	04W
		TWS	27N
		Bsn	34

2008
10/04/
R REPORT
WATER
OF
DEPTH
AVERAGE

in Feet)	x Avg	9 186	0 260
			260
(Depth	Min		260
	Wells	1	П
	×		
	×		
	Zone		
	Sec	27	04
		05%	
	TWS	27N	27N
	Bsn	RG	8

Record Count: 2

	Feet)	Avg	41	300	362
	Water in	Max		300	
80	-	Min	41	300	301
09/30/2008		Wells	Н	Н	ო
OF WATER REPORT (Ħ			
WATER		×			
AVERAGE DEPTH OF		Zone			
GE 1		Sec	0.7	30	3
AVERA		Rng	0.6W	0.6W	0.6W
		TWS	27N	27N	27N
		Bsn	B.J	B C	a ن

	Feet)	Avg	465	500	320	300	250
	Water in	Max	465	500	320	300	250
8	(Depth	Min	465	200	320	300	250
09/30/2008		Wells	7	н	гd	-1	Н
WATER REPORT 0		Ħ					
WATER		×					
AVERAGE DEPTH OF		Zone					
GE		Sec	35	15	13	21	35
AVERA			07W	0.7W	07W	0.7W	0.7W
		TWS	27N	27N	27N	27N	27N
		Bsn	RG	30	ಇಗ	9 G	נו נו

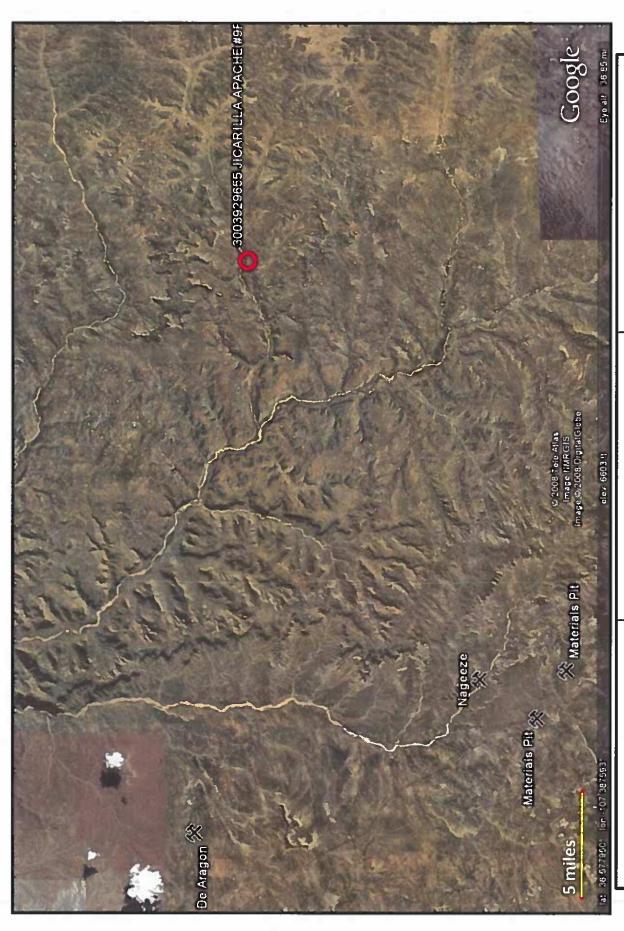
	Feet)	Avg	257
	Water in	Max	
80	(Depth	Min	216
10/01/2008		Wells	41
REPORT		Ħ	
WATER		×	
DEPTH OF WATER		Zone	
AVERAGE		Rng Sec	05W 18
•		Tws	24N
		Bsn	۵ ب



Lodestar Services, Inc JIC PO Box 4465 T20 Durango, CO 81302 RIC

JICARILLA APACHE #9F T26N,R5W,28I RIO ARRIBA, NM

AERIAL PHOTOGRAPH



Lodestar Services, Inc PO Box 4465 Durango, CO 81302

JICARILLA APACHE #9F T26N,R5W,28I RIO ARRIBA, NM

Mines and Quarries Map

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.

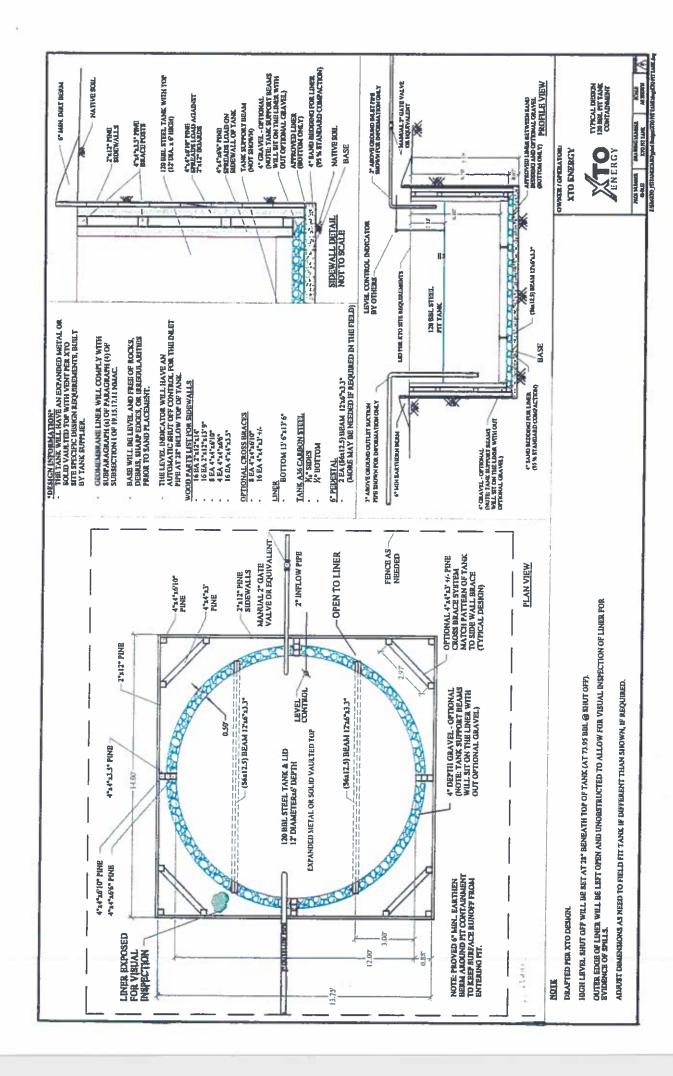
General Plan

- 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.
- 2. 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 ¼ 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 ¼" 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 below-grade 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).
- 10. 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

- 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.
 - 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

- 5. 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 1 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	1LY BELO	MONTHLY BELOW GRADE TANK INSPECTION FORM	NSPECTION	N FORM		
Well Name:					API No.:			· · ·
							1	
Legals	Sec:		Township:		Range:			
XTO Inspector's	Inspection	Inspection	Any visible liner	Any visible signs of	Collection of surface	Visible laver	Anv visible signs	Freehoard
Name	Date		tears (Y/N)	tank overflows (Y/N)	run on (Y/N)	of oil (Y/N)	of a tank feak (Y/N)	Est. (ft)
Notes:	Provide Del	Provide Detailed Description:	tion:					
Misc.	•				:			
	•				1.			
	•							

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.
- 2. 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.
- 3. 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.
- 6. 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.
- 13. 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.

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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:
 - Proof of closure notice to division and surface owner;
 - ii. Details on capping and covering, where applicable;
 - Inspection reports; III.
 - iv. Confirmation sampling analytical results:
 - Disposal facility name(s) and permit number(s); Vi.
 - VÎ. Soil backfilling and cover installation.
 - vii. Re-vegetation application rates and seeding techniques, (or approved alternative to re-vegetation requirements if applicable);

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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 96369

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96369
	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 identify the appropriate associations in the system.		
Facility or Site Name	JICARILLA APACHE 9F	
Facility ID (f#), if known	Not answered.	
Facility Type	Below Grade Tank - (BGT)	
Well Name, include well number	JICARILLA APACHE 9F	
Well API, if associated with a well	30-039-29655	
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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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**

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

QUESTIONS, Page 2

Action 96369

QUES	STIONS (continued	i)
Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002		OGRID: 372171 Action Number: 96369 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 t	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, hospital, institution or church)	Not answered.	
Four foot height, four strands of barbed wire evenly spaced between one and four feet	Not answered.	
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
Sians		
Signs Subsection C of 19.15.17.11 NMAC (If there are multiple operators at a site, each operator must h	have their own sign in com	ppliance with Subsection C of 19.15.17.11 NMAC.)
•	have their own sign in com	opliance with Subsection C of 19.15.17.11 NMAC.)

Not answered.

Not answered.

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

Requests must be submitted to the Santa Fe Environmental Bureau office for

Variance(s):

of approval. Exception(s):

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 96369

QUESTIONS (continued)		
Operator:	OGRID:	
HILCORP ENERGY COMPANY	372171	
1111 Travis Street	Action Number:	
Houston, TX 77002	96369	

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.	

ring 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

Proposed 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	11/20/2008

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ACKNOWLEDGMENTS

Action 96369

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96369
	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.
V	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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CONDITIONS

Action 96369

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96369
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

CONDITIONS

Created By	/ Condition	Condition Date
jburdine	None	8/1/2022