District I 1625 N. French Dr., Hobbs, NM 88240 District II 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

Form C-144 July 21, 2008

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.

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

2008 NOU 1.9

Type of action:	Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
Existing BGT	Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
Legacy BGT1	☐ Modification to an existing permit ☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system,
below-grade tan	k, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the

environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.				
Operator: XTO Energy, Inc. OGRID #: 5380				
Address: #382 County Road 3100, Aztec, NM 87410				
Facility or well name: Taft Gas Com #1				
API Number: 3004509569 OCD Permit Number:				
U/L or Qtr/Qtr A Section 14 Township 30N Range 13W County: San Juan				
Center of Proposed Design: Latitude 36.81782 Longitude 108.16856 NAD: 1927 1983				
Surface Owner: Federal State Private Tribal Trust or Indian Allotment				
2.				
Pit: Subsection F or G of 19.15.17.11 NMAC				
Temporary: Drilling Workover				
Permanent Emergency Cavitation P&A				
☐ Lined ☐ Unlined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other				
☐ String-Reinforced				
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D				
3.				
Closed-loop System: Subsection H of 19.15.17.11 NMAC				
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)				
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other				
Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other				
Liner Seams: Welded Factory Other				
4.				
Below-grade tank: Subsection I of 19.15.17.11 NMAC				
Volume: 120 bbl Type of fluid: Produced Water				
Tank Construction material: Steel				
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off				
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☒ Other _Visible sidewalls, vaulted, automatic high-level shut off, no liner				
Liner type: Thicknessmil				
5.				

Alternative Method:

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

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 fee institution or church)	t of a permanent residence, school,	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 tank	ks)	
Screen Netting Other Expanded metal or solid vaulted top	w)	
☐ 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:	Mana	
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for gas Please check a box if one or more of the following is requested, if not leave blank:	guidance.	
Administrative approval(s): Requests must be submitted to the appropriate division district or the consideration of approval.	he Santa Fe Environmental Bureau	office for
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for con	nsideration of approval.	
10. Siting Criteria (regarding permitting): 19.15.17.10 NMAC		
Instructions: The applicant must demonstrate compliance for each siting criteria below in the applimaterial are provided below. Requests regarding changes to certain siting criteria may require admit		
office or may be considered an exception which must be submitted to the Santa Fe Environmental B Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Sit	lureau office for consideration of a	pproval.
above-grade tanks associated with a closed-loop system.	ting criteria does not apply to dry	ing paus or
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from near		⊠ Yes □ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	e or lakebed, sinkhole, or playa	☐ Yes ☑ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the	time of initial application.	☐ Yes ⊠ No
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	••	□ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the (Applies to permanent pits)	e time of initial application.	☐ 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 househol watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence a NM Office of the State Engineer - iWATERS database search; Visual inspection (certification)	at the time of initial application.	☐ Yes ⊠ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered		☐ Yes ⊠ No
adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the	e municipality	
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification)	cation) 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 Divisi	ion	☐ Yes ⊠ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resour Society; Topographic map	rces; USGS; NM Geological	☐ Yes ⊠ No
Within a 100-year floodplain.		☐ Yes ⊠ No

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 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 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)
above ground steet tanks or naut-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 Used Control/Quality Assessment - 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. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
15.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. ☐ 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 ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) ☐ 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 Instructions: Please indentify the facility or facilities for the disposal of liquids,		
facilities are required.		
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 o Yes (If yes, please provide the information below) No	ccur on or in areas that will not be used for future serv	ice and operations?
Required for impacted areas which will not be used for future service and operation Soil Backfill and Cover Design Specifications based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	e requirements of Subsection H of 19.15.17.13 NMAC 11 of 19.15.17.13 NMAC	
17. Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the provided below. Requests regarding changes to certain siting criteria may required considered an exception which must be submitted to the Santa Fe Environmental demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC	re administrative approval from the appropriate distral Bureau office for consideration of approval. Justi,	ict 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; Da	a obtained from nearby wells	☐ Yes ☐ No ☐ NA
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; Da	a obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Da	ta obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other si lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	gnificant watercourse or lakebed, sinkhole, or playa	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or churc - Visual inspection (certification) of the proposed site; Aerial photo; Satellii		☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that le watering purposes, or within 1000 horizontal feet of any other fresh water well or NM Office of the State Engineer - iWATERS database; Visual inspection	spring, in existence at the time of initial application.	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh wa adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written appro		☐ Yes ☐ No
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visu	nal 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-Minim	g and Mineral Division	Yes No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geolog Society; Topographic map	gy & Mineral Resources; USGS; NM Geological	☐ 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 by a check mark in the box, that the documents are attached. □ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Construction/Design Plan of Temporary Pit (for in-place burial of a drying □ Protocols and Procedures - based upon the appropriate requirements of 19. □ Confirmation Sampling Plan (if applicable) - based upon the appropriate re □ Waste Material Sampling Plan - based upon the appropriate requirements of Disposal Facility Name and Permit Number (for liquids, drilling fluids and □ Soil Cover Design - based upon the appropriate requirements of Subsection □ Re-vegetation Plan - based upon the appropriate requirements of Subsection □ Site Reclamation Plan - based upon the appropriate requirements of Subsection	quirements of 19.15.17.10 NMAC of Subsection F of 19.15.17.13 NMAC ppropriate requirements of 19.15.17.11 NMAC pad) - based upon the appropriate requirements of 19. 5.17.13 NMAC quirements of Subsection F of 19.15.17.13 NMAC of Subsection F of 19.15.17.13 NMAC drill cuttings or in case on-site closure standards cann H of 19.15.17.13 NMAC of 19.15.17.13 NMAC	15.17.11 NMAC

Operator Application Certification:	
I hereby certify that the information submitted with this application is true, ac	curate and complete to the best of my knowledge and belief.
Name (Print): Kim Champlin	Title: Environmental Representative
Signature: Kim Champlen	Date:11/12/2008
e-mail address: kim_champlin@xtoenergy.com	
OCD Approval: Permit Application (including closure plan) Closure	e Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Shelly Wells	Approval Date: <u>08/15/2022</u>
Title: Environmental Specialist-A	OCD Permit Number: Legacy BGT1
Closure Report (required within 60 days of closure completion): Subsections: Operators are required to obtain an approved closure plan printle closure report is required to be submitted to the division within 60 days section of the form until an approved closure plan has been obtained and the	or to implementing any closure activities and submitting the closure report. of the completion of the closure activities. Please do not complete this
	Closure Completion Date.
Closure Method: Waste Excavation and Removal On-Site Closure Method Altered If different from approved plan, please explain.	ernative Closure Method Waste Removal (Closed-loop systems only)
23. Closure Report Regarding Waste Removal Closure For Closed-loop Syste	ems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:
Instructions: Please indentify the facility or facilities for where the liquids, two facilities were utilized.	drilling fluids and drill cuttings were disposed. Use attachment if more than
Disposal Facility Name:	Disposal Facility Permit Number:
Disposal Facility Name:	
Were the closed-loop system operations and associated activities performed of Yes (If yes, please demonstrate compliance to the items below) No	
Required for impacted areas which will not be used for future service and ope Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	
Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation	g items must be attached to the closure report. Please indicate, by a check
Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 24. Closure Report Attachment Checklist: Instructions: Each of the following 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 closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Lo	g items must be attached to the closure report. Please indicate, by a check
Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 24. Closure Report Attachment Checklist: Instructions: Each of the following 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 closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Lo	rations: g items must be attached to the closure report. Please indicate, by a check re) ngitude NAD: 1927 1983 are report is true, accurate and complete to the best of my knowledge and
Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 24. Closure Report Attachment Checklist: Instructions: Each of the following 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 closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Lo 25. Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure.	rations: g items must be attached to the closure report. Please indicate, by a check re) ngitude NAD: 1927 1983 are report is true, accurate and complete to the best of my knowledge and irements and conditions specified in the approved closure plan.
Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 24. Closure Report Attachment Checklist: Instructions: Each of the following 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 closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude	rations: In gitems must be attached to the closure report. Please indicate, by a check re) In gitude

e-mail address:

Telephone:

Form C,198 (8-57)

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

No. <u>#1</u>	Line, 990	F	et From EAS	T,
me of Producing Formation DAKOT	<u>A</u>	Pool	BASIN DA	Kota
Is the Operator the only owner in the dedic YesNoX	ated acreage outline	ed on the plat bel	ow?	
If the answer to question one is "no",				
agreement or otherwise? Yes X Communitization agreements ar	No If a	nswer is "yes", for signature	Type of Con	solidation.
If the answer to question two is "no", in	st all the owners an	d their respectiv	e interests be	OW: COFILA
Owner			Description	of ItV
				LYLDLIAI
				JUL 2 4 196
	dident to show decidence; with court to the Telefor State			OIL CON. C
				DIST. 3
ection B.	Note: All dista	inces must be fro	m outer bounds	aries of section.
				1
his is to certify that the information	,		,	O L. R.
Section A above is true and complete		1	,	6 Taft
the best of my knowledge and belief.				
AN AMERICAN PETROLEUM CORP.				0-990-
Hellers , mod (Operator)	1		<u> </u>	
H. Hollingsworth				
(Representative)				'
(Address)			1	
Parmington, New Mexico			,	
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f: GLO plat dated 26 May 1881	,	i	ı	
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This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Registered Professional Engineer and or Land Surveyor Landes P. Leese, N. Mex. Reg. No. 1463

Farmington, New Mexico
Released to Imaging: 8/15/2022 4:08:31 PM

(Seal) .

Post 445, Durage, 081302 Siting Criteria API#: 3004509569 USPL5S: T30N,R13W,S14A Lat/Long: 36.81782, -108.16856 Geologic formation: Nacimiento Formation Distance to closest continuously flowing watercourse: Distance to closest significant watercourse; lakebed, playa lake, or sinkhole: Farmington Glade; 715' E of Farmington Glade Permanent residence, school, hospital, institution or church within 300' Domestic fresh water well or spring within 500' Any other fresh water well or spring within 100' Within incorporated municipal fresh water well or spring within 500' Wetland within 500' No Within unstable area No Within 100 year flood plain No - FEMA Flood Zone 'X' Within 100 year flood plain No - FEMA Flood Zone 'X' Within 100 year flood plain No - FEMA Flood Zone 'X'	Aladada Carria La		Client:		XTO Energy
APIH: 3004509569 USPLSS: T30N,R13W,S14A APIH: 3004509569 USPLSS: T30N,R13W,S14A Lat/Long: 36.81782, -108.16856 Geologic formation: Distance to closest continuously flowing watercourse. lakebed, playa lake, or sinkhole: Distance to closest significant watercourse, lakebed, playa lake, or sinkhole: Permanent residence, school, hospital, institution or church within 300' Domestic fresh water well or spring within 500' Within incorporated municipal boundaries No Within defined municipal fresh water well field Wetland within 500' No Within unstable area Within 100 year flood plain	Lodestar Services, Inc. PO Box 4465, Durango, CO 81302		Pit Permit		
Name: TAFT GAS COM #1 Depth to groundwater: < 50' Distance to closest continuously flowing watercourse: lakebed, playa lake, or sinkhole: Permanent residence, school, hospital, institution or church within 300' Domestic fresh water well or spring within 500' Any other fresh water well or spring within 1000' Within incorporated municipal fresh water well or spring within 500' Within defined municipal fresh water well field Wetland within 500' Within unstable area No Within unstable area No Within 100 year flood plain Within 100 year flood plain Within 100 year flood plain Name: TAFT GAS COM #1 Lat/Long: 36.81782, -108.16856 Seelogic formation: Nacimiento Formation Nacimiento Formation Soil Type: Entisols Soil Type: Entisols Annual Precipitation: Precipitation: No significant precip events Soil Type: Carbon Soil Type: Entisols Soil Type: Carbon Soil Type: Entisols Annual Precipitation: Precipitation: No significant precip events Annual Precipitation: No significant precip events Actached Documents: Acenial Photo, Topo Map, Mines Mills and Quarries Maximum Activity: 1.57 milles E-SE of Kannard Richard Pit 1.57 milles E-SE o			Siting Criteria	<u> </u>	
Depth to groundwater: So' Secondary tributary of Farmington Glade; 715' E of Farmington Glade; 715' E of Farmington or church within 300' No Significant water well or spring within 1000' No Mining Activity: Significant water well field No Within unstable area No Within unstable area No Within 100 year flood plain No - FEMA Flood Zone 'X' So' S	V		•	Prepared by:	Brooke Herb
Name: TAFT GAS COM #1 Depth to groundwater: < 50'	ΔΡΙ#-	300	4509569	1150155	T30N R13W S14Δ
Depth to groundwater: Colitance to closest continuously flowing watercourse: Distance to closest significant watercourse: Distance to closest significant watercourse; lakebed, playa lake, or sinkhole: Permanent residence, school, hospital, institution or church within 300'	۱۳۰۱ م	300	+303303	03. 233.[15514,11211,5141
Distance to closest continuously flowing watercourse: Distance to closest significant watercourse; Lakebed, playa lake, or sinkhole: Permanent residence, school, hospital, institution or church within 300' Domestic fresh water well or spring within 500' Any other fresh water well or spring within 1000' Within incorporated municipal fresh water well field Wetland within 500' Wetland within 500' No No Mining Activity: 1.57 miles E-SE of Kannard Richard Pit Within unstable area Within 100 year flood plain No - FEMA Flood Zone 'X'	Name:	TAFT G	AS COM #1	Lat/Long:	36.81782, -108.16856
continuously flowing watercourse: Distance to closest significant watercourse, lakebed, playa lake, or sinkhole: Permanent residence, school, hospital, institution or church within 300' Domestic fresh water well or spring within 500' Any other fresh water well or spring within 1000' Within incorporated municipal fresh water well or spring within 500' Within defined municipal fresh water wall field Wetland within 500' No Wetland within 500' Within unstable area Within 100 year flood plain No - FEMA Flood Zone 'X' Within 100 year flood plain No - FEMA Flood Zone 'X' Within 100 year flood plain No - FEMA Flood Zone 'X'	Depth to groundwater:		< 50'		Nacimiento Formation
Distance to closest significant watercourse, lakebed, playa lake, or sinkhole: Permanent residence, school, hospital, institution or church within 300' Domestic fresh water vell or spring within 500' Any other fresh water well or spring within 1000' Within incorporated municipal fresh water well or spring within 500' Within defined municipal fresh water well field Wetland within 500' No Wetland within 500' No Within unstable area No Within 100 year flood plain No - FEMA Flood Zone 'X' Within 100 year flood plain	continuously flowing	2.48 miles E o	f the La Plata River		
Permanent residence, school, hospital, institution or church within 300' Domestic fresh water vell or spring within 500' Any other fresh water well or spring within 1000' Within incorporated municipal boundaries Within defined municipal fresh water well field Wetland within 500' Wetland within 500' No Mining Activity: Soil Type: Entisols Annual Precipitation: Precipitation: No Significant precip events Attached Documents: Arrial Photo, Topo Map, Mines Mills and Quarries Marrial P	Distance to closest significant watercourse, lakebed, playa lake, or	Farmington	Glade; 715' E of		
school, hospital, institution or church within 300! Domestic fresh water vell or spring within 500! Any other fresh water well or spring within 1000! Within incorporated municipal fresh water well field Wetland within 500! Wetland within 500! Wetland within 500! No Mining Activity: No Annual Precipitation: Precipitation: No significant precip events Attached Documents: Groundwater report and Data; FEMA Flood Zone Ma Aerial Photo, Topo Map, Mines Mills and Quarries Ma Mining Activity: 1.57 miles E-SE of Kannard Richard Pit Within 100 year flood plain No - FEMA Flood Zone 'X'				Soil Type:	Entisols
Domestic fresh water vell or spring within 500' Any other fresh water well or spring within 1000' Within incorporated municipal boundaries Within defined municipal fresh water well field Wetland within 500' Wetland within 500' No Mining Activity: Within unstable area No No Precipitation: Precipitation No significant precip events Attached Documents: Groundwater report and Data; FEMA Flood Zone Ma Documents: Aerial Photo, Topo Map, Mines Mills and Quarries Ma Mining Activity: 1.57 miles E-SE of Kannard Richard Pit Within 100 year flood plain No - FEMA Flood Zone 'X'	school, hospital, institution or church		No	_	
Domestic fresh water well or spring within 500' Any other fresh water well or spring within 1000' Within incorporated municipal boundaries Vithin defined municipal fresh water well field Wetland within 500' No Mining Activity: Within unstable area No No No Mining Activity: 1.57 miles E-SE of Kannard Richard Pit Within 100 year flood plain				I	8.21 inches (Farmington)
Any other fresh water well or spring within 1000' Within incorporated municipal boundaries Within defined municipal fresh water well field Wetland within 500' No Mining Activity: Within unstable area No No - FEMA Flood Zone 'X' No - FEMA Flood Zone 'X' No - FEMA Flood Zone 'X'			No	•	no significant precip events
Municipal boundaries Vithin defined municipal fresh water well field Wetland within 500' No Mining Activity: 1.57 miles E-SE of Kannard Richard Pit Within unstable area No No - FEMA Flood Zone 'X'	well or spring within		No		
Wetland within 500' No Mining Activity: 1.57 miles E-SE of Kannard Richard Pit Within unstable area No Within 100 year flood plain No - FEMA Flood Zone 'X'	•		No		Groundwater report and Data; FEMA Flood Zone Map
Within unstable area No Within 100 year flood plain No - FEMA Flood Zone 'X'	-		No		Aerial Photo, Topo Map, Mines Mills and Quarries Ma
Within unstable area No Within 100 year flood No - FEMA Flood Zone 'X' plain	Wetland within 500'		No	Mining Activity:	
plain No - FEMA Flood Zone X	Within unstable area		No		1.57 miles E-SE of Kannard Richard Pit
	=	No - FEMA	Flood Zone 'X'		
Additional Notes:	Additional Notes:				

TAFT GAS COM #1 Below Ground Tank Siting Criteria and Closure Plan

Well Site Location

Legals: T30N, R13W, Section 14, Quarter Section A Latitude/Longitude: approximately 36.81782, -108.16856

County: San Juan County, NM General Description: near Glade Run

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 below ground tank location will be located on the flanks of the Farmington Glade between Aztec and La Plata, New Mexico. Within the Farmington Glade, the Tertiary Nacimiento Formation is exposed, along with Quaternary alluvial and aeoloian sands surrounding the center of the wash.

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 Nacimiento Formation lies at the surface. Thickness of the Nacimiento ranges from 418 to 2232 feet (Stone et al., 1983). Aquifers within the coarser and continuous sandstone bodies of the Nacimiento Formation are between 0 and 1000' deep in this section of the basin (Stone et al., 1983). Groundwater within these aquifers flows toward the nearby San Juan River and its tributaries.

The prominent soil type at the proposed site is entisols, which are defined as soils that do not show any profile development. Soils are basically unaltered from their parent rock. Miles of arroyos, washes and intermittent streams exist as part of the drainage network towards the La Plata River (www.emnrd.state.nm.us). These features often cut into soil and other unconsolidated materials, contributing to sedimentation downstream. The sudden influx of water from storm events easily erodes soils that cover the area.

The climate of the region is arid, averaging just over 8 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).

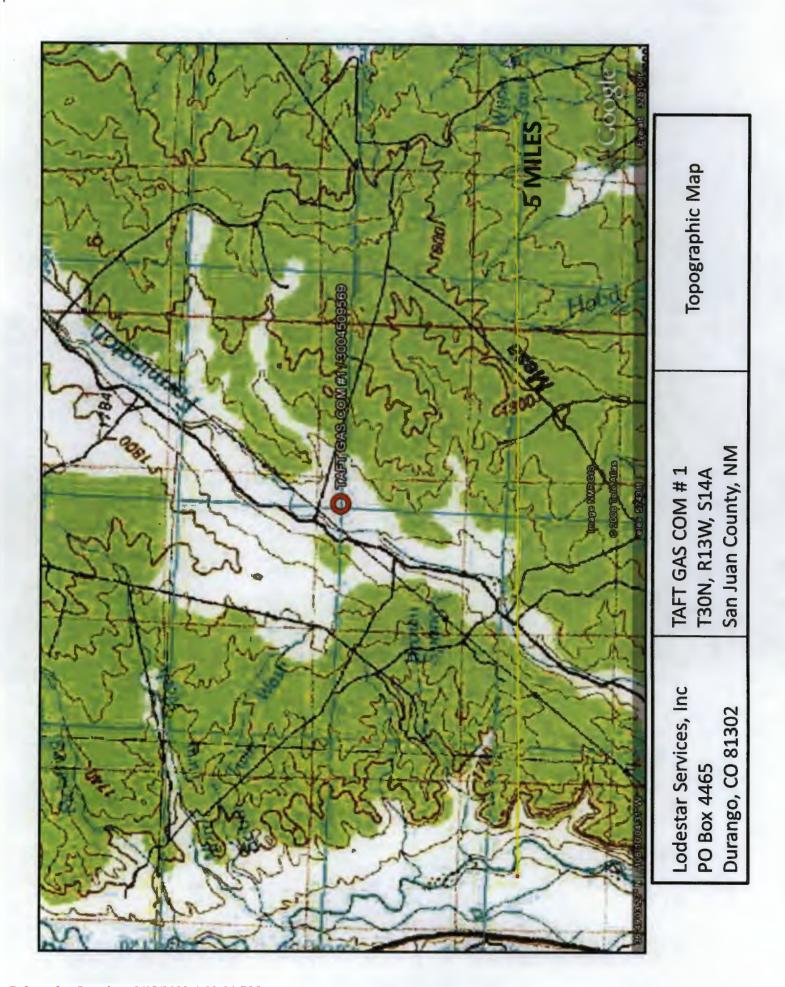
The predominant vegetation is sagebrush and grasses with a more restricted pinon-juniper association (Dick-Peddie, 1993).

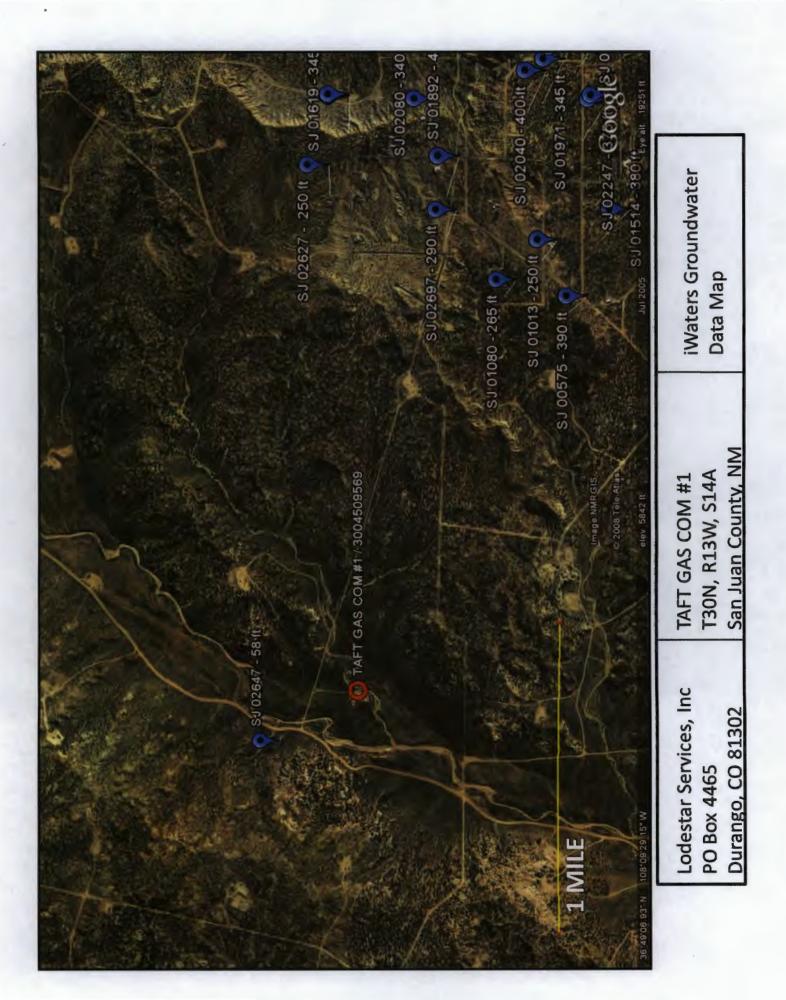
Site Specific Hydrogeology

Depth to groundwater is estimated to be less than 50 feet. This estimation is based on data from Stone and others, 1983 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.

Local aquifers include sandstones within the Nacimiento Formation, which ranges from 0 to 1000 feet deep in this area, as well as shallow aquifers within Quaternary alluvial deposits (Stone et al., 1983). The 1000-foot depth range for Nacimiento aquifers covers an area over 20 miles wide, and depth decreases towards the margin of the San Juan Basin. The site in question is more centrally located, and depth to the aquifer is expected to be closer to 1000 feet. It is well known that groundwater close to the Farmington Glade can be shallow, as the Quaternary deposits near the glade itself form shallow aquifers. The proposed site is situated 715 feet to the east, and is approximately 15 feet higher in elevation then the center of Glade Wash (Google Earth).

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 also included. Pinpoints show locations of wells and the labels for each pinpoint indicate depth to groundwater in feet. A well to the northwest has a depth to groundwater of 58 feet below ground surface. This well is approximately 15 feet higher in topographic elevation than the proposed site. Wells are clustered near populated areas to the east of the site. Depth to groundwater within the wells ranges from 190 to 420 feet below ground surface. The approximate elevation of the wells ranges from 5865 to 6000 feet (Google Earth). Elevation at the proposed site is approximately 5735 feet.





New Mexico Office of the State Engineer POD Reports and Downloads Township: 300 Range: 130 Sections:

POD / Surface Data Report Avg Depth to Water Report Water Column Report

WATER COLUMN REPORT 09/08/2008

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Zone Rng Sec q q q 13W 11 4 3 4 Tws 30N POD Number

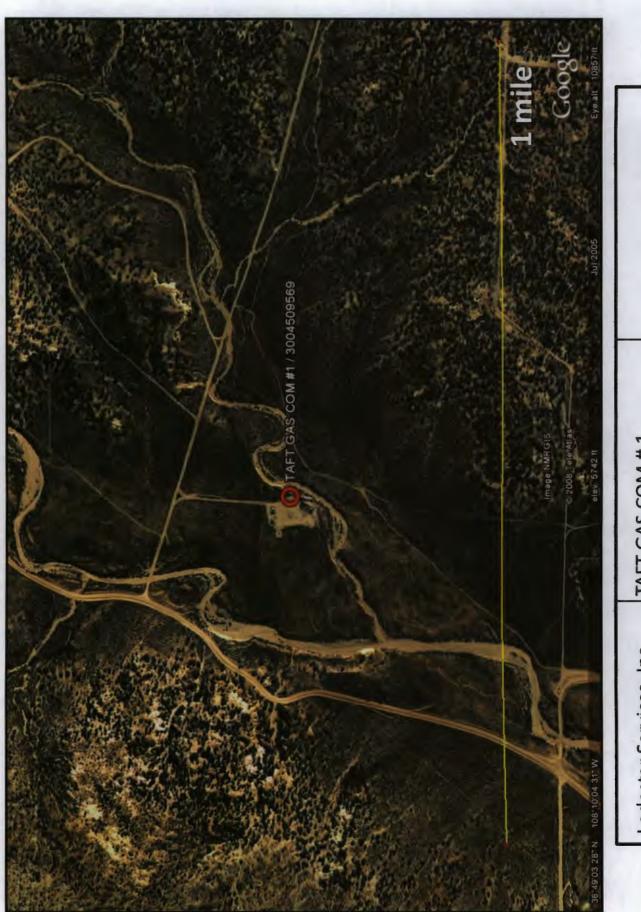
Water (in feet)
Column
18

Depth Water 58

Depth Well 76

Record Count:

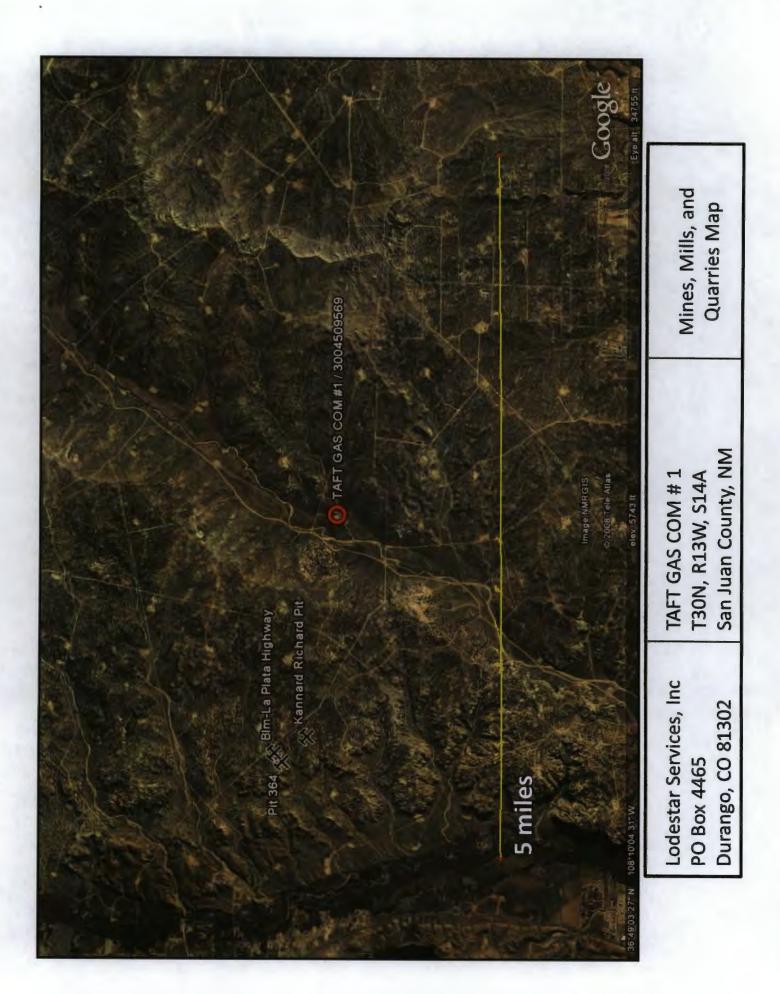
SJ 02647

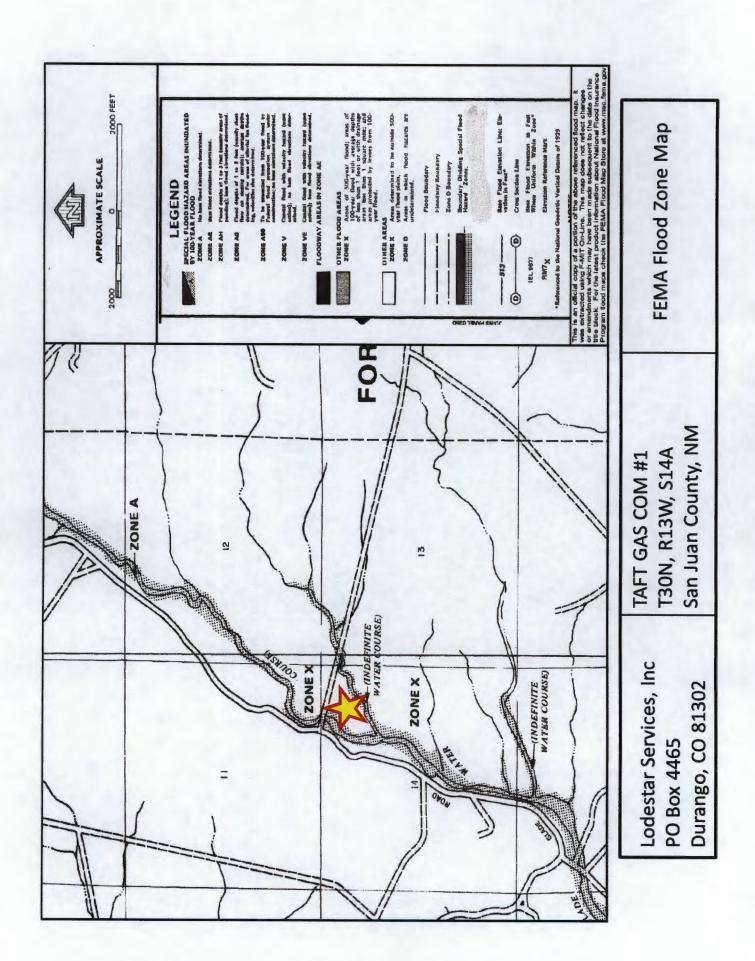


Aerial Photograph

Lodestar Services, Inc T PO Box 4465 T Durango, CO 81302 S

TAFT GAS COM # 1 T30N, R13W, S14A San Juan County, NM





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.

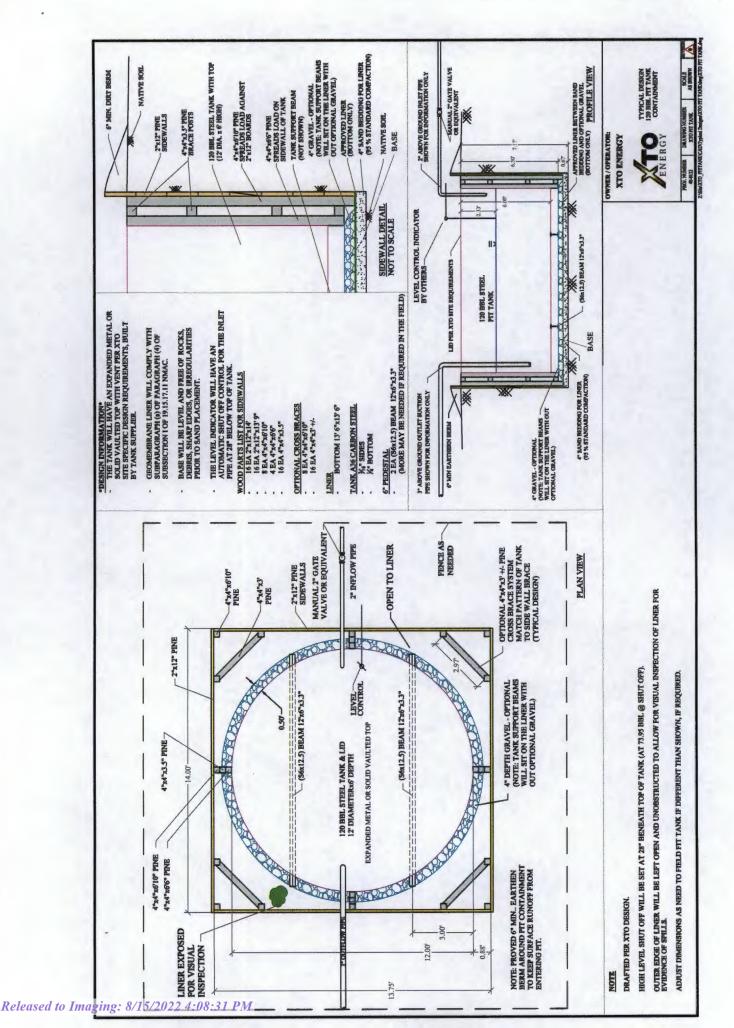
General Plan

- 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.
- 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 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).
- 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

- 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.
- 3. 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

- 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.
- 7. 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	1LY BELO	LY BELOW GRADE TANK INSPECTION FORM	INSPECTION	N FORM		
Well Name:					API No.:			
Legals	Sec:		Township:		Range:			
XTO Inspector's	Inspection	Inspection	Any visible liner	Any visible signs of	Collection of surface	Visible layer	Any visible signs	Freeboard Est (#)
	282		(NIII) SIEST	tally cyclicows (1714)			מן מושי וכמי (בני)	
	:							
Notes:	Provide De	Provide Detailed Description:	otion:					
Misc:								
- May								

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.

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 127976

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	127976
	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 infor	mation will help us identify the appropriate associations in the system.
Facility or Site Name	Taft Gas Com 1
Facility ID (f#), if known	Not answered.
Facility Type	Below Grade Tank - (BGT)
Well Name, include well number	Taft Gas Com 1
Well API, if associated with a well	3004509569
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	Not answered.
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	True
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.

District I
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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, Page 2

Action 127976

QUESTIONS (continued)			
Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002		OGRID: 372171 Action Number: 127976 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 tank	(s)		
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' hogwire		
hi w			
Netting			
Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen	Not answered		
Netting	Not answered. Not answered.		
Other, Netting. Please specify (Variance May Be Needed)	expanded metal or s	solid vaulted top	
Signs Subsection C of 19.15.17.11 NMAC (If there are multiple operators at a site, each operator must have	e their own sign in complia	nnce with Subsection C of 19.15.17.11 NMAC.)	
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	Not answered.		
Signed in compliance with 19.15.16.8 NMAC	True		
Variances and Exceptions			
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for Please check a box if one or more of the following is requested, if not leave blank:	guidance.		
Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.	Not answered.		
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	Not answered.		

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

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Houston, TX 77002

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 127976

QUESTIONS (continued)	
	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:

127976 Action Type: [C-144] Legacy Below Grade Tank Plan (C-144LB)

QUESTIONS

Operator:

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	False
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

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

Operator Application Certification	
Registered / Signature Date	11/12/2008

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ACKNOWLEDGMENTS

Action 127976

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	127976
	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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1625 N. French Dr., Hobbs, NM 88240
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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 127976

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	127976
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

CONDITIONS

Created By	Condition	Condition Date
swells	None	8/15/2022