District 1 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

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. BM 11 36

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Proposed Alternative Method Permit or Closure Plan Application Type of action:	Pit, Closed-Loop System, Below-Grade Tank, or	
Existing BGT Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-140) per individual pit, closed-loop system, below-grade tank or alternative request ease be advised that approval of this request does not relieve the operator of its hilly should operations result in pollution of surface water, ground water or the vironment. Not does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. OGRID #:		
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request ease 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 vivornoment. Not does approval of this request does not relieve the operator of list responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Operator: XTO Energy. Inc. OGRID #:	Existing BGT Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system,	
ease 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 vironnent. 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 #: \$380 Address: #382 County Road 3100, Aziec, NM 87410 Facility or well name: Dawson A #1M API Number: 30-045-24096 OCD Permit Number: 30-045-24096 OCD Permit Number: 30-045-24096 OCD Permit Number: 30-045-24096 OCD Permit Number: 30-045-24096 OCD Permit Number: 30-045-24096 NAD: 1927 3 1983 Surface Owner: Federal State Private Tribal Trust or Indian Allotment Pit: Subsection F or G of 19.15.17.11 NMAC Pit: Subsection F or G of 19.15.17.11 NMAC 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		
vironment. 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, Aziec, NM 87410 Facility or well name:		
Address: #382 County Road 3100, Aztec, NM 87410 Pacility or well name:Dawson A #1M API Number:30_045-24096		
Address: #382 County Road 3100, Aztec, NM 87410 Pacility or well name:Dawson A #1M API Number:30_045-24096	I. Operator: VTO Franço: Inc. S280	
Facility or well name: Dawson A#1M API Number: 30-045-24096 OCD Permit Number: Dif. or QurQur		
API Number: 30-045-24096 OCD Permit Number: U/L or Qtr/Qtr D Section 4 Township 27N Range 08W County: San Juan Center of Proposed Design: Latitude 36.608620 Longitude 107.690780 NAD: 1927 1983 Surface Owner: Federal State Private Tribal Trust or Indian Allotment Pit: Subsection F or G of 19.15.17.11 NMAC Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Factory Other Volume: bbl Dimensions: L x W x D 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 natent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Lined Subsection I of 19.15.17.11 NMAC Melded Factory Other Lined Subsection I of 19.15.17.11 NMAC Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls, liner, 6-inch lift and automatic high-level shut off, no liner Liner type: Thickness mil HDPE PVC Other Alternative Method:		—
Description Description Section A Township 27N Range 08W County: San Juan		
Center of Proposed Design: Latitude 36.608620 Longitude 107.690780 NAD: 1927 1983 Surface Owner: Federal State Private Tribal Trust or Indian Allotment		
Surface Owner: Sederal State Private Tribal Trust or Indian Allotment Pit: Subsection F or G of 19.15.17.11 NMAC Permanent 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 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 naten) 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 Liner Seams: Welded Factory Other Selow-grade tank: Subsection 1 of 19.15.17.11 NMAC Volume: 120		
Pit: Subsection F or G of 19.15.17.11 NMAC 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		103
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: x W x D 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 natent) 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 Melded Factory Other 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: Thickness mil HDPE PVC Other Alternative Method:	Surface Owner. A rederat State Frivate Infloat Trust of Indian Atlothicit	
Volume: 120 bbl Type of fluid: Produced Water Fank 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 HDPE PVC Other	D. 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 intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other	
	Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: 120	
	Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approv	al

Form C-144

Oil Conservation Division

Page 1 of 5

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

attached. ☐ Hydrogeologic Report (Below-grade ☐ Hydrogeologic Data (Temporary and ☐ Siting Criteria Compliance Demonsts ☐ Design Plan - based upon the approp ☐ Operating and Maintenance Plan - ba ☐ Closure Plan (Please complete Boxes and 19.15.17.13 NMAC	Tanks) - based up Emergency Pits) rations - based up riate requirements ased upon the appress 14 through 18, if	pon the requirements of Par - based upon the requirements on the appropriate requirements s of 19.15.17.11 NMAC ropriate requirements of 19.15 f applicable) - based upon the	indicate, by a chagraph (4) of Subnts of Paragraph ents of 19.15.17.115.17.12 NMAC appropriate req	section B of 19.15.17.9 NMAC (2) of Subsection B of 19.15.17.9 NMAC
12-				
Closed-loop Systems Permit Application Instructions: Each of the following items attached. Geologic and Hydrogeologic Data (compliance Demonstory) Design Plan - based upon the appropion of the propion	must be attached only for on-site clarations (only for opinite requirement ased upon the app	osure) - based upon the requirements of 19.15.17.11 NMAC propriate requirements of 19.	indicate, by a chairements of Paragan the appropriate and the 15.17.12 NMAC	requirements of 19.15.17.10 NMAC
and 19.15.17.13 NMAC				
Previously Approved Design (attach co		API Number:		
		· · · · · · · · · · · · · · · · · · ·		(Applies only to closed-loop system that use
above ground steel tanks or haul-off bins a	nd propose to imp	plement waste removal for a	losure)	
Permanent Pits Permit Application Chee Instructions: Each of the following items attached. Hydrogeologic Report - based upon Siting Criteria Compliance Demonst Climatological Factors Assessment Certified Engineering Design Plans Dike Protection and Structural Integ Leak Detection Design - based upon Liner Specifications and Compatibil Quality Control/Quality Assurance C Operating and Maintenance Plan - b Freeboard and Overtopping Preventi Nuisance or Hazardous Odors, inclu Emergency Response Plan Oil Field Waste Stream Characterize Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appro	the requirements trations - based upon the arity Design - base the appropriate relity Assessment - Construction and lased upon the appropriate of	of Paragraph (1) of Subsection the appropriate requirements of upon the appropriate requirements of upon the appropriate requirements of 19.15.17.11 based upon the appropriate Installation Plan propriate requirements of 19 pon the appropriate requireme	ion B of 19.15.17 nents of 19.15.17. 19.15.17.11 NMA irements of 19.15 NMAC requirements of 19. 15.17.12 NMAC ments of 19.15.17	10 NMAC AC 5.17.11 NMAC 9.15.17.11 NMAC
On-site Clo	rgency Cavita avation and Remonoval (Closed-locosure Method (Or In-place Burial	oval op systems only) only for temporary pits and cl	ent Pit Below	r-grade Tank
15.	CIOSUIE INICUIOO	(Exceptions must be submi	nea to the Santa I	E ENVIRONMENTAL DUTCAU FOR CONSIDERATION)
	mark in the box, ton the appropriate licable) - based up Number (for liquid ifications - based appropriate requi	that the documents are atta e requirements of 19.15.17. con the appropriate requirent ds, drilling fluids and drill control upon the appropriate requirements of Subsection I of	cched. 3 NMAC ments of Subsection uttings) rements of Subsection 19.15.17.13 NMA	etion H of 19.15.17.13 NMAC

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is more than 100 feet below the bottom of the buried waste. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells 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 Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizontal feet of a private, domestic fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site 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 Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain. - FEMA map Within a 100-year floodplain. - FEM	Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13 Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if facilities are required.	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and open Yes (if Yes, please provide the information below) No No No No No No No N	Disposal Facility Name: Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and open Yes (if Yes, please provide the information below) No No No No No No No N	Disposal Facility Name: Disposal Facility Permit Number:	
Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection 16 19.15.17.13 NMAC	Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future se	
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each stiling criteria requires ad monastration of compliance in the closure plan. Recommendations of acceptable source material, provided below. Requests regarding changes to certain stiling criteria may require administrative approval from the appropriate district office or considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance. Ground water is less than 50 feet below the bottom of the buried waste. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is more than 100 feet below the bottom of the buried waste. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Within 300 feet for the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Within 300 feet from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site Within 500 forizontal feet of a private, domestic feeth water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site Within incorporated municipal boundaries or within a defined municipal	Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection H of 19.15.17.13 NMA Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
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NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells 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 Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site 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 Within 500 feet of a wetland. Written confirmation or verification map; Topographic map; Visual inspection (certification) of the proposed site Within an unstable area. Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain. FEMA map Totocology and the proposed site of the following items must be attached to the closure plan. Please in by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Subsection F of 19.15.17.11 NMAC Construction/Design Plan of		Yes No
lake (measured from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site 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. Within 1000 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine. Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain. FEMA map It. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please in by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal		Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - IWATERS database; Visual inspection (certification) of the proposed site 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 Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine. Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain. FEMA map Within a 100-year floodplain. FEMA map In the box, that the documents are attached. Stiting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design Plan of Emporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - 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 or in case on-site closure standards cannot be achieve Soil Cover Design - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Re-vegetation Plan - based	lake (measured from the ordinary high-water mark).	Yes No
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Operator Application Certification: I hereby certify that the information submitted with this application is true, accur	rate and complete to the best of my knowledge and belief.
Name (Print): Kim Champlin	
Signature: Kim Champlin	Date:11/17/08
e-mail address: kim_champlin@xtoenergy.com	
OCD Approval: Permit Application (including closure plan) Closure P	Plan (only) OCD Conditions (see attachment)
OCD Representative Signature:	Approval Date: 2/2/2021
Title: Environmental Specialist	OCD Permit Number: BGT 1
Closure Report (required within 60 days of closure completion): Subsection Instructions: Operators are required to obtain an approved closure plan prior The closure report is required to be submitted to the division within 60 days of section of the form until an approved closure plan has been obtained and the closure plan prior the closure plan has been obtained and the closure plan prior the closure plan plan prior the closure plan plan plan plan plan plan plan plan	to implementing any closure activities and submitting the closure report. the completion of the closure activities. Please do not complete this
	Closure Completion Date:
Closure Method: Waste Excavation and Removal On-Site Closure Method Alternation If different from approved plan, please explain.	ative Closure Method
Closure Report Regarding Waste Removal Closure For Closed-loop Systems Instructions: Please indentify the facility or facilities for where the liquids, drift two facilities were utilized.	
Disposal Facility Name:	Disposal Facility Permit Number:
Disposal Facility Name:	•
Were the closed-loop system operations and associated activities performed on or Yes (If yes, please demonstrate compliance to the items below) No	r in areas that will not be used for future service and operations?
Required for impacted areas which will not be used for future service and operated Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	ions:
24. Closure Report Attachment Checklist: Instructions: Each of the following it 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: LatitudeLongit	tude NAD:
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure belief. I also certify that the closure complies with all applicable closure requiren	report is true, accurate and complete to the best of my knowledge and nents and conditions specified in the approved closure plan.
Name (Print):	Title:
Signature:	Date:
e-mail address:	Telephone:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2048 ENERGY MO MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-7

All distances must be from the cuter housedstee of the Section

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				Client:	XTO Energy
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		Siting Criteria		Revised:	
PO Box 4465, Duran	go, CO 81302	_	-4	1	27-Sep-08
V		Information She	et	Prepared by:	Trevor Ycas
API#:		30-045-24096		USPLSS:[27N 08W 4 D
Name:	DAWSON	A No. 001 M		Lat/Long:	36.608620°, -107.690780°
Depth to groundwater:		59-100' OCD DTW <50'		Geologic formation:	San Jose Formation (Tsj)
Distance to closest continuously flowing watercourse:		s NW to 'San Juan River'		Site Elevation: 1804m/5919	
Distance to closest significant watercourse, lakebed, playa lake, or sinkhole:	main cha	IW to 'Fresno Canyon' nnel; 4000' E to 'Largo Canyon'			
	E ^Y L			Soil Type:	Rockland/ Aridisols, Alluvium(valley fill)
Permanent residence, school, hospital, institution or church within 300'		NO			
				Annual Precipitation:	Navajo Dam: 12.95", Governador: 11.98", Capulin Rgr Stn.: 14.98", Otis: 10.41"
Domestic fresh water well or spring within 500'		NO		Precipitation Notes:	Historical daily max. precip.: 4.19" (Bloomfield)
Any other fresh water well or spring within 1000'		МО			
	TRANSPORT				
Within incorporated municipal boundaries		NO		Attached Documents:	27N06W_iWaters.pdf, 27N07W_iWaters.pdf, 27N08W_iWaters.pdf, 28N07W_iWaters.pdf, 28N08W_iwaters.pdf, 28N09W_iwaters.pdf, 29N07W_iWaters.pdf, 29N08W_iWaters.pdf, 29N09W_iWaters.pdf
Within defined municipal fresh water well field		NO		FM35006407508-30- 045-24096.jpg	30-045-24096_gEarth-PLS.jpg, 30-045-24096_topo- PLS.jpg, 30-045-24096_gEarth-iWaters.jpg
		19			
Wetland within 500'		NO		Mining Activity:	None Near
Within unstable area		NO			NM_NRD-MMD_MinesMillQuarries_30-045-24096.jpg
Within 100 year flood plain	I YES	S-FEMA Zone 'A'			
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Additional Notes:					halas Blass he is to a
drains to Fresno, Largo Canyons		otential floodplain 3-5 meters by stream-channel elevation	i		below Blanco Mesa, in 'Fresno Canyon', near 'Largo Canyon'

Dawson A #1M Below Ground 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 west-central Largo Canyon region of the San Juan Basin, in Largo Canyon, partway up Fresno Canyon, east of Hollis Pass. 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 wells and springs used for stock and domestic supplies" draw their water from the San Jose Formation (Stone et al, 1983).

The prominent soil types at the proposed site are some rocklands and aridisols, which are defined as soils exhibiting little to no profile development (www.emnrd.state.nm.us); recent alluvium probably underlies the site in question. 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.

Regional weather further prohibit active recharge. The climate 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 between 50 and 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 adjacent channel 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 & 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 near the main channel of Fresno Canyon near Largo Canyon and below Blanco Mesa, at an elevation of approximately 5920 feet. It is approximately 4000 feet southwest of Largo Canyon. This site is also just 200 feet from the main wash/channel of Fresno Canyon. This region is deeply incised by canyons, washes, gullies and arroyos, with large, flat-topped mesas 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 Largo and Blanco Canyons and within major tributary systems.

Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. Groundwater data is extremely limited in this region; the nearest iWaters data point lies 3.5 miles west-northwest (SJ02800). Other 'nearby' iWaters wells are located 3.5 miles north-nothwest (SJ00163 S) and 8.9 miles south-east (SJ02402). Wells located at similar elevations along Largo Canyon contain groundwater at depths of 18 feet and deeper. Additionally, the exact topography and elevation relative to the nearest tributary suggests that groundwater is possibly greater than 50 feet deep. A map showing the location of wells in reference to the proposed pit location is attached.

Additionally, this site is located in the FEMA-designated Zone 'A' floodplain, indicative of potential 100-year flood conditions.





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WATER COLUMN REPORT 08/11/2008

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SJ 01228	29N	07W 23	3 2	7				285	205	80		
SJ 02891		07W 24	1 2	3 2				210	160	50		
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WATER COLUMN REPORT 08/06/2008

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WATER COLUMN REPORT 08/04/2008

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WATER COLUMN REPORT 08/04/2008

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WATER COLUMN REPORT 08/04/2008

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	27N	07W 1	7 3	3				355	320	35		
	27N	07W 2	1 2	1 3				400	300	100		
	27N	07W 3	55	4 4				450				
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SJ 00213	QNI 		BJ 00213	Shallow	27M 06	W 32 1	1 1			13	276897	4045750		_
£J 02291	STK	9	63 02291		27M 06	W 23 4	3.3			13	281993	4048335		
BJ 02403	M2	2	8J 02403		27lu 06	W 30 3	13			13	274714	4047115		12/31/1946
8.7 03001	MO MO I	3 CHARLES E. BRADLEY	BJ 03001	Shallow	27M 06	W 07 2	2 1			13	276165	4052831	06/28/2000	07/04/2000
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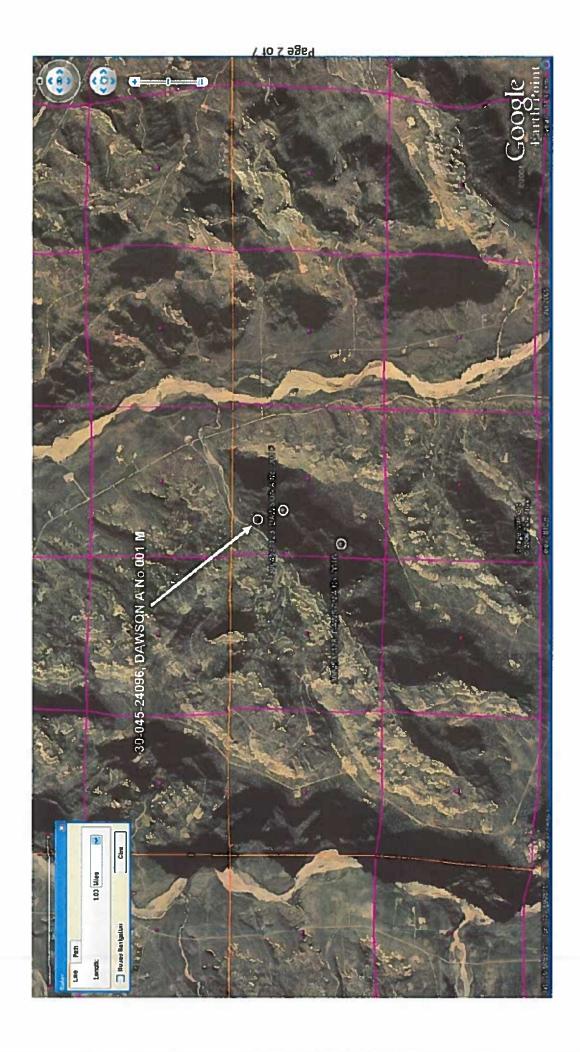
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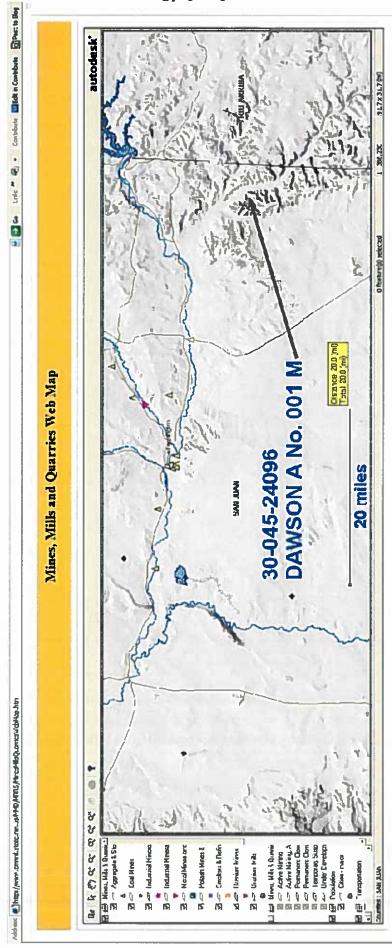
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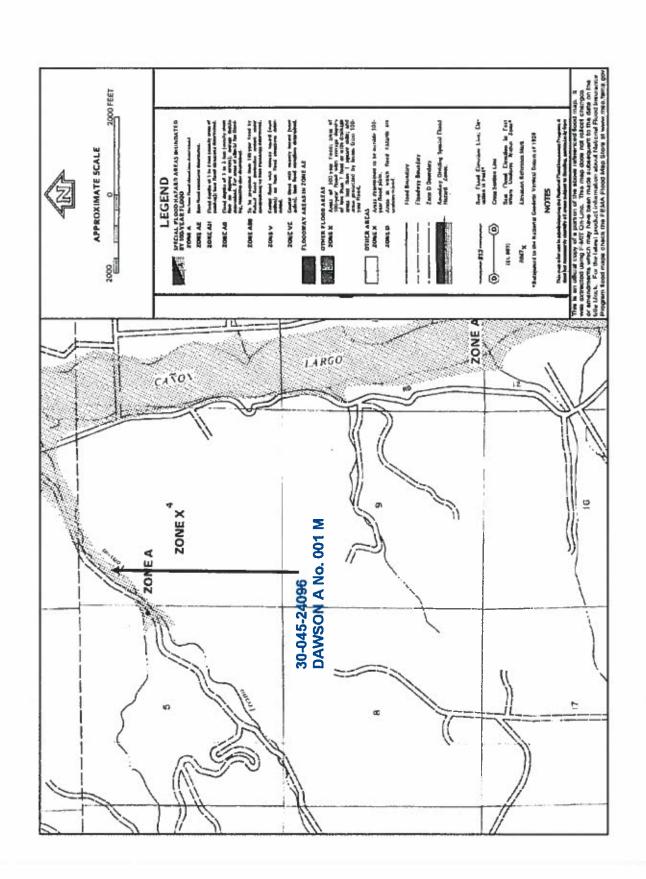
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RG 36732 DCL	29N		25						500	450	20			
SJ 00785 S	29N	10W	04	2 4	2				20					
SJ 00680	29N	10W	13	2					40	10	30			
SJ 00785 NEW	29N	10W	13	4					09	20	40			
SJ 00785 S-2	29N	10W	13	4					09	20	40			
SJ 03023	29N	10W	18	(*)	_				90	65	25			
SJ 03502	29N	101	18	13	-				150					
SJ 03081	29N	10W	18	3.1	4				20					
SJ 02078	29N	10W	19	3 1	-				40	6	31			
SJ 00303	29N	10W	19	ω ω					20	5	15			
SJ 02860	29N	10W	19	4	ヷ				21	2	19			
SJ 02900	29N	10W	20	3 1	7				70					
SJ 01140	2 9N	10W	20	3	2				25	9	19			
SJ 01990	29N	10W	20	4 1					40	12	28			
SJ 02548	29N	10W	20	4 4					12	2	10			
SJ 02547	29N	10W	20	4 4					12	2	10			
SJ 03535	29N	10W	21	9	m				15					
SJ 03455	29N	10W	21	E G	_				20	17	Э			
SJ 03456	29N	10W	21	E)	7				20	17	3			
SJ 03441	29N	10W	21	4	m				40	30	10			
SJ 03470	29N	10W	21	4	4				20	7	13			

SJ 01474	29N	10W 2	1 4	4				25		
SJ 03180	29N	10W 2	1 4	4	4			20	15	35
SJ 03713 POD1	29N	10W 2	2 2	8				265	20	245
SJ 02820	29N	10W 2	3 4	٦	1			82	16	99
SJ 02896	29N	10W 2	4	4	1			110	34	97
SJ 02275	29N	10W 2	4	4	2			40	20	20
SJ 00092	29N	10W 2	4	4	2			33		
SJ 02802	29N	10W 2	3	7	2			132	30	102
SJ 02907	29N	10W 2	4	2	m			09		
SJ 02122	29N	10W 2	5	-				09	12	48
SJ 01019	29N	10W 2	6 4	ന	e			20	4	46
SJ 01056	29N	10W 2	7	2				20	31	19
SJ 02216	29N		28 1	2				30	7	23
SJ 03582	29N		28 1	m	m			10	4	9
SJ 02151	29N		28 2	-	2	484600	2075600	37	20	17
SJ 03652	29N		28 2	2	1			34	9	28
SJ 03142	29N		28 2	2	2			38	22	16
SJ 03637	29N		28 2	m	1			21	10	11
SJ 03582 POD2	29N		28 2	m	e			28	5	23
SJ 02840	29N		28 3	4	1			52	32	23
SJ 00506	29N		28 4	m				78	52	23
SJ 00662	29N		28 4	4	m			66	7.0	23
SJ 00497	29N		29 3	2	m			85	35	50
SJ 03777 POD1	29N		9	ব	2	270344	2071311	100	50	50
SJ 00473	29N	10W 3	0	4				28	10	48
SJ 03743 POD1	29N	10W 3	3	4	m			490	140	350
SJ 01051	29N	10W 3	5	7	2			06	30	09
SJ 01050	29N	10W 3	6 1	4				82	38	47

Record Count: 49







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

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

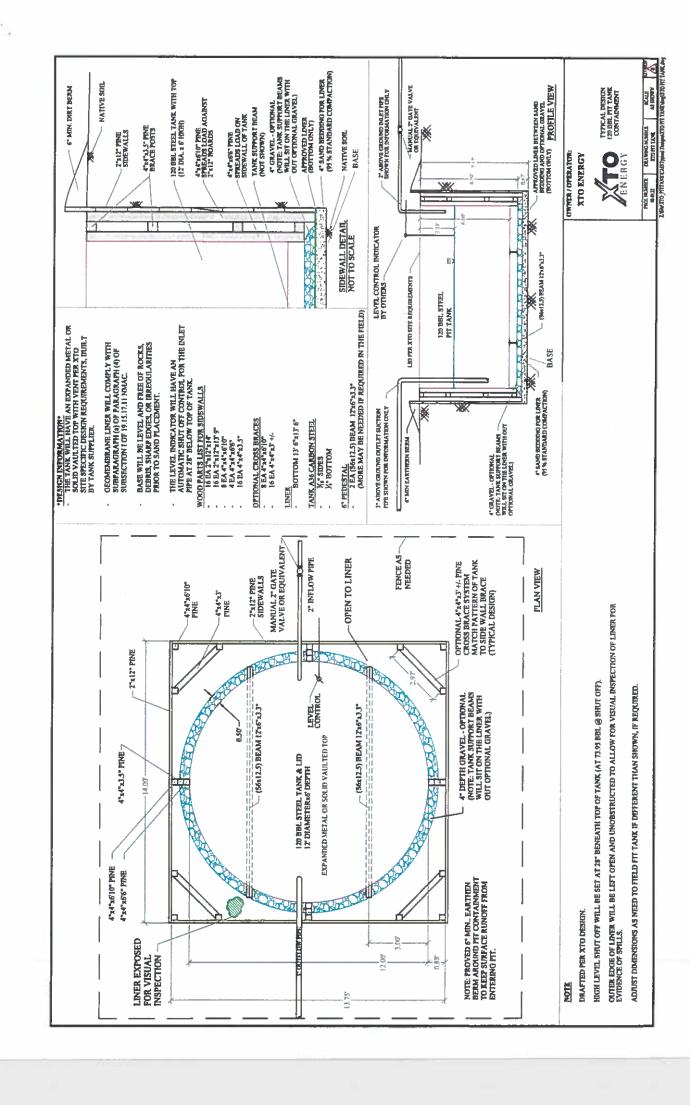
General Plan

- 1. XTO will design and construct below-grade tanks to contain liquids and solids and prevent contamination of fresh water and protect public health and environment.
- 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 ½ mile of a permanent residence, school, hospital, institution or church. Below-grade tanks located within 1000' of a permanent residence, school, hospital, institution or church will be fenced by 6' chain link fence with at least two strands of barbed wire at the top. All gates associated with below-grade tanks will remain closed and locked when responsible individuals are not on site.
- 4. XTO shall construct below-grade tanks with an expanded metal covering or solid vaulted top on the top of the below-grade tank.
- 5. XTO will ensure that below-grade tanks are constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight. Tanks will be constructed of A36 carbon steel with 3/16" sides and \(\frac{1}{2} \)" 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).

- 9. 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 3. 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.

		MONT	1LY BELO	MONTHLY BELOW GRADE TANK INSPECTION FORM	INSPECTIC	N FORM		
Well Name:					API No.:			**
Legals	Sec:		Township:		Range:			
XTO Inspector's	Inspection	Inspection	Any visible	Any weible eithe of	Collection of			
Name	Date	-	tears (Y/N)	tank overflows (Y/N)	run on (Y/N)	of oil (Y/N)	Any visible signs of a tank leak (Y/N)	Freeboard Est. (ft)
				155				
						1		
Notes:	Provide Det	Provide Detailed Description:	tion:					
	• 1							
Misc:	•							
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	•							
	•							
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XTO Energy Inc. San Juan Basin (Northwest New Mexico) General Closure Plan For Below-Grade Tanks

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

General Plan

- XTO will close below-grade tanks within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the division requires because of imminent danger to fresh water, public health or the environment.
- XTO will close a below-grade tank that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC.
- 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.
- 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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- 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.