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

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to

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

1386

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

Existing BGT Modification to an expension of the control of the	ed-loop system, below-grade isting permit omitted for an existing perm	e tank, or proposed altern	native method			
below-grade tank, or proposed alternative						
Instructions: Please submit one application (Form C-1)	• •		<u>-</u>			
Please be advised that approval of this request does not relieve the oper environment. Nor does approval relieve the operator of its responsibility.						
Operator: XTO Energy, Inc.	OGR	ID#:5380				
Address: 382 Road 3100 Aztee, NM 87410	***************************************					
Facility or well name: _STATE GAS COM BB #4						
API Number: 3004533144	OCD Permit Number:					
U/L or Qtr/Qtr Section 16 Townsh	ip31N Range	12W County:	San Juan			
Center of Proposed Design: Latitude 36.89739	Longitude108_1/	0569	NAD: □1927 □ 1983			
Surface Owner: Federal State Private Tribal Trust of						
☐ 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 ☐ String-Reinforced Liner Seams: ☐ Welded ☐ Factory ☐ Other			•			
3.						
Closed-loop System: Subsection H of 19.15.17.11 NMAC						
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workov intent)	er or Drilling (Applies to activ		•			
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bi	os Other		131415167770			
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bi☐ Lined ☐ Unlined Liner type: Thicknessmi	☐ LLDPE ☐ HDPE ☐	PVC 🗌 Other	N A S			
□ 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 □ RECEIVED						
4			To The state of th			
XBelow-grade tank: Subsection I of 19.15.17.11 NMAC Volume: 120 bbl Type of fluid: Property Tank Construction material: Steel Secondary containment with leak detection Visible sidewalls only ✓ Visible sidewalls and liner Visible sidewalls only ✓ Liner type: Thickness mil HDPE	ther Visible sidewalls, v		OIL CONS. DIV DIST 3			
5. Alternative Method:		income ental Process of	Son consideration of sonors of			
Submittal of an exception request is required. Exceptions must be	e suomitted to the Santa re En	vironinental bureau office f	or consideration of approvar.			

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

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are
attached. ☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API Number: or Permit Number:
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC
and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number:
Previously Approved Operating and Maintenance Plan API Number: (Applies only to closed-loop system that use
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility 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 Fc Environmental Bureau for consideration)
Use the 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

Disposal Facility Name:	Waste Removal Closure For Closed-loop Systems That Utilize Above Groun- Instructions: Please indentify the facility or facilities for the disposal of liquids facilities are required.	d Steel Tanks or Haul-off Bins Only: (19.15.17.13.I , drilling fluids and drill cuttings. Use attachment if r	NMAC) nore than two					
Disposal Facility Name: Disposal Facility Permit Number:		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 operations Yes Social 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 H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC Sting Criteria frequents and common product requirements of Subsection G of 19.15.17.13 NMAC Sting Criteria frequents and product requirements of Subsection G of 19.15.17.13 NMAC Sting Criteria frequents and product requirements of Subsection G of 19.15.17.13 NMAC Sting Criteria frequents and the subsection of the Subsection of G on the Stand P Environmental Bureau of provided below. Requester sequenting changes to certain siting criteria may require administrative approval from the appropriate altrical office or may be considered uncertainty on the propriate altrical office or may be considered uncertainty of equipment of the Stand P Environmental Bureau of Rife for consideration of approval. Justifications and/or demonstrations of equipment of the Stand P Environmental Bureau of Rife for consideration of approval. Justifications and/or demonstrations of equipment of the Stand Engineer - IWA TENS database search, USGS; Data obtained from nearby wells NA Office of the Stane Engineer - IWA TENS database search, USGS; Data obtained from nearby wells NA Office of the Stane Engineer - IWA TENS database search, USGS; Data obtained from nearby wells NA NA NA NA NA NA NA N								
Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection 16 pt 19.15.17.13 NMAC Re-regetation Plan - based upon the appropriate requirements of Subsection Group 19.15.17.13 NMAC Re-regetation Plan - based upon the appropriate requirements of Subsection Group 19.15.17.13 NMAC Siting Criteria requires and enhanced to the appropriate requirements of Subsection Group 19.15.17.13 NMAC Siting Criteria requires administrative requires administrative approval from the appropriate district affice or may be considered neception which must be submitted to the Santa Fe Tenvironmental Bureau office for consideration of approval. Justifications and/or 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 haried waste NM Office of the State Engineer - i WATERS database search, USGS; Data obtained from nearby wells NA NM Office of the State Engineer - i WATERS database search, USGS; Data obtained from nearby wells NA NM Office of the State Engineer - i WATERS database search, USGS; Data obtained from nearby wells NA NM Office of the State Engineer - i WATERS database search, USGS; Data obtained from nearby wells NA NM Office of the State Engineer - i WATERS database search, USGS; Data obtained from nearby wells NA NM Office of the State Engineer - i WATERS database search, USGS; Data obtained from nearby wells NA NM Office of the State Engineer - i WATERS database search; USGS; Data obtained from nearby wells NA NM Office of the State Engineer - i WATERS database search; USGS; Data obtained from nearby wells NA NM Office of the State Engineer i WATERS database search; USGS; Data obtained from nearby wells NA NM Office of the State Engineer i WATERS database search; USGS; Data obtained from nearby wells NA NM Office of the State Engineer i WATERS database, search; USGS; Data obtained from nearby wells NA NM Office of the State Engineer i WATERS databas	Will any of the proposed closed-loop system operations and associated activities of							
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- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Oround 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 Oround 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. Within 500 feet of a watland. Within 500 feet of a watland. Within an unstable area. Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within an unstable area. Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within an 100-year floodplain. FEMA map Within an 100-year floodplain. Proof of Surface Owner Notice - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC Constructio	Siting Criteria (regarding on-site closure methods only): 19 15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in th provided below. Requests regarding changes to certain siting criteria may request considered an exception which must be submitted to the Santa Fe Environment	ire administrative approval from the appropriate disti al Bureau office for consideration of approval. Justi	rict office or may be					
Oround 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 NN 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 32-73, as amended. Witten confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a welland. 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 floodeplain. FEMA map In Carteria Complance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place buriel of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Sesign Plan of Temporary Pit (for in-place buriel of		ata obtained from nearby wells						
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. Within 500 feet of a wetland. Within 500 feet of a wetland. Within 500 feet of a wetland. Within 600 feet of a wetland. Within 100 verification or verification 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 100 feet for in a fem floodplain free file of the following items must be attacked to the closure plan. Please indicate by a check mark in the box, that the documents are attacked. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - b		ata obtained from nearby wells						
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. 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 Yes No Society; Topographic map Within a 100-year floodplain. FEMA map		ata obtained from nearby wells	= -					
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 500 feet of a wetland. 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 Within a 100-year floodplain. FEMA map Within a 100-year floodplain. Wi	lake (measured from the ordinary high-water mark).	gnificant watercourse or lakebed, sinkhole, or playa	Yes No					
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 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. Within a unstable area. Engineering measures incorporated into the design; NM Burcau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain. FEMA map Within a 100-year floodplain. FEMA map 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. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements 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 achieved)	Within 300 feet from a permanent residence, school, hospital, institution, or churc - Visual inspection (certification) of the proposed site; Aerial photo; Satelli	th in existence at the time of initial application. te image	☐ 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 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 No. Site 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. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.11 NMAC Construction/Design Plan of Burial Trench (if applicable) 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 achieved)	watering purposes, or within 1000 horizontal feet of any other fresh water well or	spring, in existence at the time of initial application.	Yes No					
- 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 Burcau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain. - FEMA map Yes No	adopted pursuant to NMSA 1978, Section 3-27-3, as amended.		☐ Yes ☐ No					
- 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 18. On-Site 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. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.13 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC 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 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)		ual inspection (certification) of the proposed site	☐ Yes ☐ No					
- Engineering measures incorporated into the design; NM Burcau of Geology & Mineral Resources; USGS; NM Geological Within a 100-year floodplain FEMA map Yes No	Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining	ng and Mineral Division	☐ Yes ☐ No					
18. On-Site 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. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)	- Engineering measures incorporated into the design; NM Bureau of Geolo	gy & Mineral Resources; USGS; NM Geological	☐ Yes ☐ No					
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicated by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)			☐ Yes ☐ No					
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC								

Lorm C-141

Operator Application Certification:	
I hereby certify that the information submitted with this application is true, ac	ccurate and complete to the best of my knowledge and belief.
Name (Print): Kim Champlin	Title: Environmental Representative
. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Date: 9-15-08
e-mail address: kim_champlin@xtoenergy.com	
	Текерпоне. (303/355-3100
OCD Approval: Permit Application (including closure plan) Closur	
OCD Representative Signature: Bel Bell	Approval Date: 10-29-08
Title: Ewiro Spec	OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsect Instructions: Operators are required to obtain an approved closure plan pri The 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
22.	
Closure Method:	ernative Closure Method
23. Closure Report Regarding Waste Removal Closure For Closed-loop Syste Instructions: Please indentify the facility or facilities for where the liquids, two facilities were utilized.	ems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: 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 o Yes (If yes, please demonstrate compliance to the items below)	
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	erations:
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 closured points) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	re)
	ngitude NAD:
25. 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 requivalence. Name (Print):	irements and conditions specified in the approved closure plan.
Signature:	
e-mail address:	Telephone:

DISTRICT 1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II 1301 W. Grand Ave., Artenia, N.M. 88210

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

State of New Mexico Energy, Minorals & Natural Resources Department OIL CONSERVATION DIVISION

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

Form: C-102 Rovised June 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Leose - 3 Copies

LI AMENDED REPORT

1220 South St. Francis Or., Santa Fe., Nu. 87505

S 86-26-09 E

2644.5' (M)

B.L.M. 1952

SEC. CORNER FO 3 1/4° BC B.L.M. 1052

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number ²Pool Code *Property, Code ^aProperty Numo Well Number STATE GAS COM BB CORD No. *Operator Name Elevation XTO ENERGY INC. 6201 10 Surface. Location UL or lot no. Section Lot Ida Feel from the North/South line Township Range Feet from the East/West line County 16 31-N 12-W 1940. SOUTH 1195 SAN JUAN WEST "Bottom Hole Location II Different From Surface UL or loting. Section Fownship Lot Idn Feet from the North/South Ilrie Fost from the East/West Ikin County 11 Dedicated Acres U Joint or Infill 14 Consolidation Code 15 Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 OPERATOR CERTIFICATION I hereby certify that the information contained herein in true and complete to the heat of my knowledge and Signoture Printed Name OTR. CORNER FD 3 1/4" BC BILM. 1952 Title Date SURVEYOR CERTIFICATION 18 LAT: 36'53'50.6" N. (NAD 27) LONG: 108'06'20.5" W. (NAD 27). I hereby cortify that the sed location shown on this plat was plotted from field notes of actival surveys made by me or under my supervision, and that the same is true 1195 and correct to the best of my brilled, 2004 ш <u>_</u>28 2606.2' 1940 POFE68Y OTR. CORNER

Pit Permit Siting Criteria nformation Sheet

Client:	XTO Energy	
Project:	Pit Permits	1
Revised:	9/10/2008	1
Prepared by:	Ashley Ager	1

PO Box 4465, Durango,	LU 813UZ	Information Shee	Revised: Prepared by:	9/10/2008 Ashley Ager
API#:		3004533144	USPLSS:	T30N, R12W, S16L
Name:	Stat	e Gas Com BB #4	Lat/Long:	36.8973889, -108.10569
Depth to groundwater:		>100'	Geologic formation:	Nacimiento Formation
Distance to closest continuously flowing watercourse:	3.8 m	iles to La Plata River	,	
Distance to closest significant watercourse, lakebed, playa lake, or sinkhole:	1900'	to Farmington Glade		
			Soil Type:	Enitsols
Permanent residence, school, hospital, institution or church within 300'		NO		
			Annual Precipitation:	8.21 inches avg annual
Domestic fresh water well or spring within 500'		NO	Precipitation Notes:	no significant precip events
Any other fresh water well or spring within 1000'		NO		
Within incorporated municipal boundaries		NO	Attached Documents:	Hydrogeologic Report Topographic Map Aerial Photo
Within defined municipal fresh water well field		NO		iWaters Data Fema Flood Zone Map Mines, Mills and Quarries Map
Wetland within 500'		NO	Mining Activity:	2.7 miles to Kenneth Huggins pit
Within unstable area		NO		
Within 100 year flood plain		NO	;	
Additional Notes:		•		

STATE GAS COM BB #4 Below Ground Tank Siting Criteria and Closure Plan

Well Site Location

Legals: T31N, R12W, Section 16, Quarter Section L

Latitude/Longitude: approximately 36.8973889, -108.10569

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).

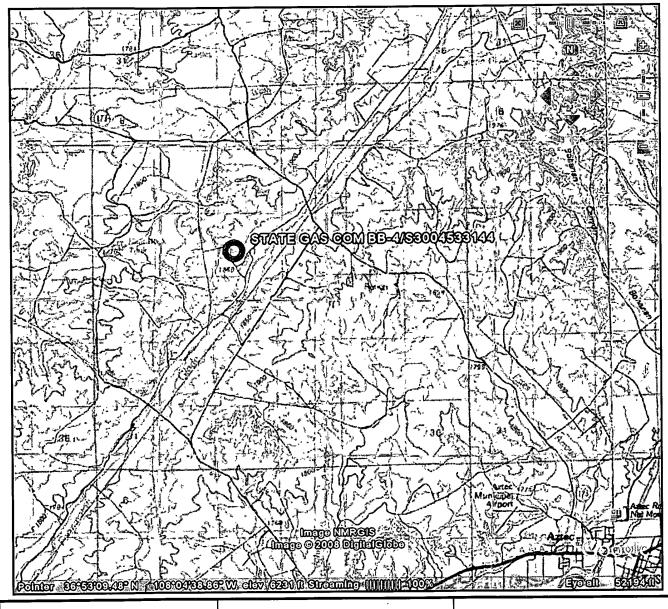
The predominant vegetation is sagebrush and grasses with a more restricted pinon-juniper association (Dick-Peddie, 1993).

Site Specific Hydrogeology

Depth to groundwater is estimated to be greater than 100 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.

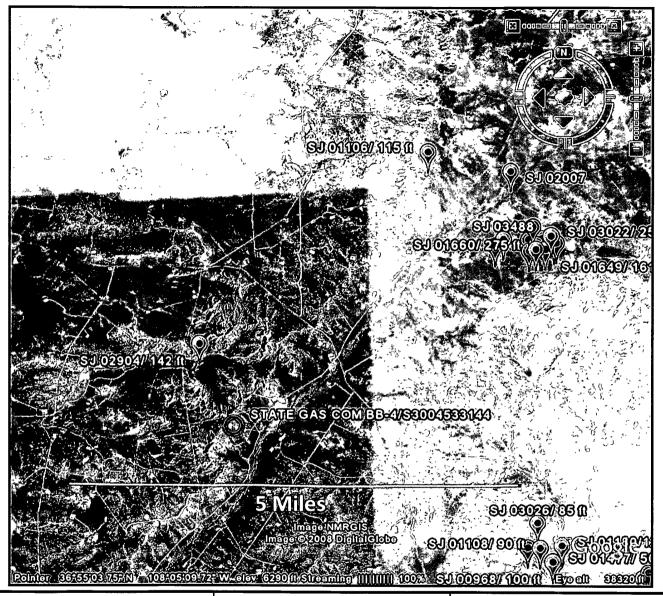
Local aquifers include sandstones within the Nacimiento Formation, which ranges from 0 to 1000 feet deep in this area, as well as shallow aquifers within Quaternary alluvial deposits (Stone et al., 1983). The 1000-foot depth range for Nacimiento aquifers covers an area over 20 miles wide, and depth decreases 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 wash itself form shallow aquifers. However, the proposed site is situated almost a half a mile to the northwest and approximately 150 feet higher in elevation from 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. The well in the closest proximity to the proposed site has a depth to groundwater of 142 feet and is approximately 150 feet lower in elevation than the site in question. Wells clustered to the northeast have depths to groundwater ranging from 42 to 275 feet.



STATE GAS COM BB-4 T31N, R12W, S16L San Juan County, NM

Topographic Map



STATE GAS COM BB-4 T31N, R12W, S16L San Juan County, NM

iWaters Groundwater Data Map

New Mexico Office of the State Engineer POD Reports and Downloads

Township: Range: 12V Sect	ions: 5						
NAD27 X: Y: Zone:	Search Radius:						
County: Basin:	Number: Suffix:						
Owner Name: (First) (Last)	Non-Domestic Domestic All						
POD / Surface Data ReportAvg Depth t	o Water ReportWater Column Report						
WATER COLUMN REPORT 08/27/2008							
(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) POD Number Tws Rng Sec q q q Zone X SJ 02904 31N 12W 08 4 4 4	Depth Depth Water (in feet) Y Well Water Column 325 142 183						

Record Count: 1

New Mexico Office of the State Engineer POD Reports and Downloads

Township:	Range: 12V Sections:	i
NAD27 X:	Y: Zone:	Search Radius:
County: B	Basin:	Number: Suffix:
Owner Name: (First)	(Last)	Non-Domestic Domestic All
POD / Surface D	lata ReportAvg Denth to Wat	er ReportWater Column Report

WATER COLUMN REPORT 08/27/2008

					3=SW 4=SE			Donth	Donth	Water	/in foot)
DCD 13-1-					o smallest		v	Depth	Depth		(in feet)
PCD Number	Tws	Rng S	_		Zone	X	ı	Well	Water	Column	
SJ 03488	31N	12W 0	1 3	32				150			
SJ 03738 POD1	31N	12W 0	1 4	1 3				115	50	65	
SJ 02034	31N	12W 0	1 4	3				85	55	30	
SJ 03134	31N	12W 0	1 4	3 2				80	20	60	
SJ 03022	31N	12W 0	1 4	3 2				490	250	240	
SJ 01660	31N	12W 0.	1 4	33				320	275	45	
SJ 01649	31N	12W 0	1 4	3 4				220	161	59	
SJ 03660	31N	12W 0	1 4	3 4				70	42	28	
SJ 02099	31N	12W 0	1 4	4				95			

Record Count: 9

New Mexico Office of the State Engineer POD Reports and Downloads

Township: 31h Range: 124 Sections: 31

POD / Surface Data ReportAvg Depth to Water ReportWater Column Report

WATER COLUMN REPORT 09/01/2008

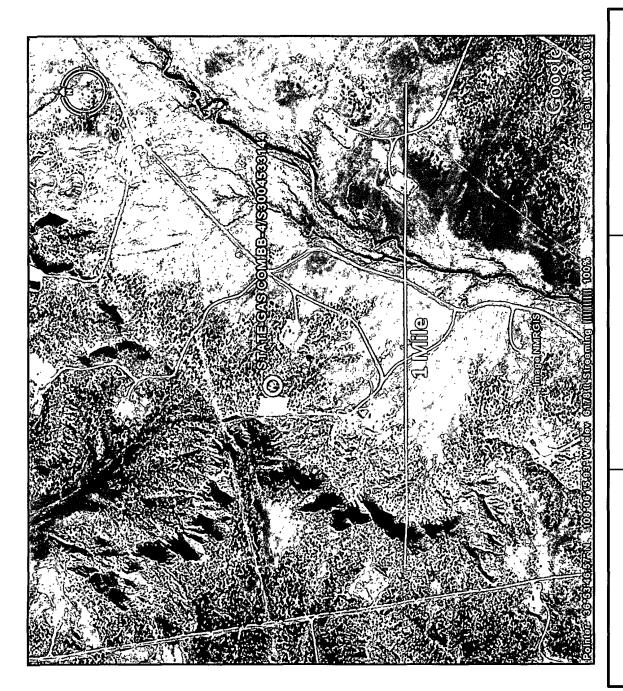
(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Tws Rng Sec q q q Zone

Depth Depth Water (in feet)
Y Well Water Column

 POD Number
 Tws Rng Sec q q q
 Zone
 X
 Y Well
 Water
 Column

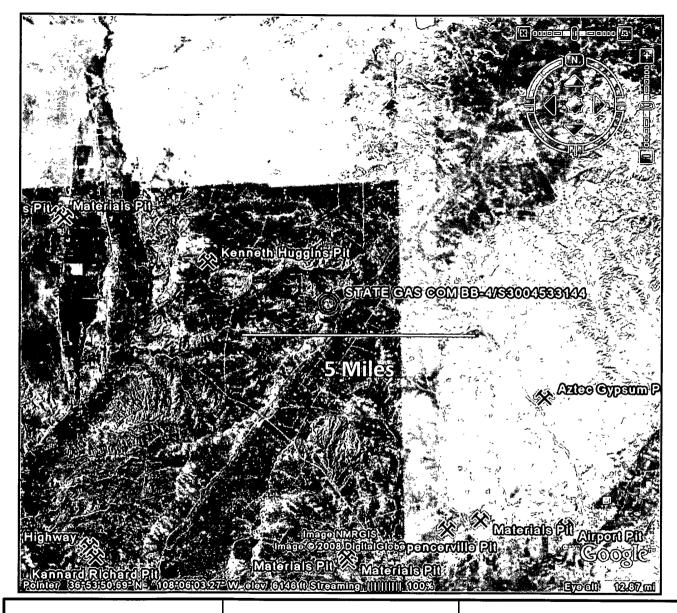
 SJ 03204
 31 N 12 W 31 4 3 1
 40 20 20
 20

Record Count: 1



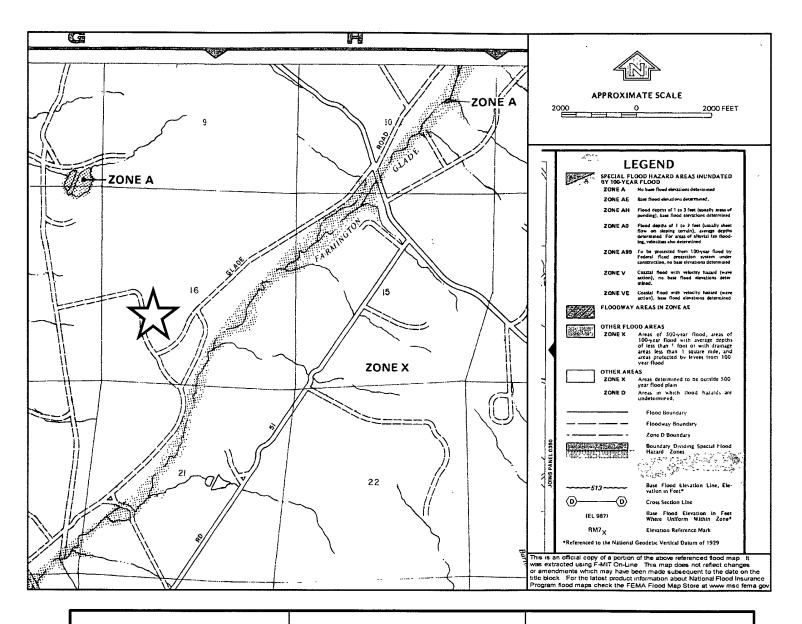
STATE GAS COM BB-4 T31N, R12W, S16L San Juan County, NM

Aerial Photograph



STATE GAS COM BB-4 T31N, R12W, S16L San Juan County, NM

Mines, Mills, and Quarries Map



STATE GAS COM BB-4 T31N, R12W, S16L San Juan County, NM

FEMA Flood Zone Map

XTO Energy Inc. San Juan Basin Below Grade Tank Design and Construction Plan

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 (BGT) which does not conform to this plan.

General Plan

- XTO will design and construct a BGT to contain liquids and solids and prevent contamination of fresh water and protect public heath and environment.
- Prior to constructing the pit, topsoil will be stockpiled in the construction zone for later use in restoration.
- 3. XTO will post a well sign, in compliance with 19.15.3.103 NMAC, on the well site prior to construction of the BGT. 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.
- 4. XTO shall construct all new fences utilizing 48" steel mesh field-fence (hogwire) on the bottom with two strands of barbed wire on top, or with a pipe top rail. A 6' chain link fence topped with three stands of barbed wire will be used if the well location is within 1000' of a permanent residence, school, hospital, institution or church.
- 5. XTO shall construct an expanded metal covering on top of the BGT.
- 6. XTO will ensure that a BGT is constructed of materials resistant to the BGT's particular contents and resistant to damage from sunlight.
- The BGT 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.
- XTO will construct a berm and/or diversion ditch in a manner that prevents the collection of surface water run-on.
- 9. XTO will construct and use BGT that does not have double walls. The BGT sidewalls will be open for visual inspection for leaks, the BGT bottom will be elevated a minimum of 6" above the underlying ground surface and the BGT will be underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.
- XTO will equip BGT's designed in this manner with a properly functioning automatic high-level shut-off control device and manual controls to prevent overflows.
- 11. The geomembrane liner shall consist of 30-mil flexible PVC or 60-mil HDPE liner, or an equivalent liner material that the appropriate division district office approves. The geomembrane liner shall have a hydraulic conductivity greater that 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 acidic and alkaline solutions. The liner material shall be resistant to ultraviolet light. Liner compatibility shall comply with EPA SW-846 method 9090A.
- 12. The general specifications for design and construction are attached.

XTO Energy Inc. San Juan Basin Below Grade Tank Maintenance and Operating Plan

In accordance with Rule 19.15.17.11 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 (BGT) which does not conform to this plan.

General Plan

- 1. XTO will operate and maintain a BGT to contain liquids and solids and prevent contamination of fresh water and protect public health and the environment.
- 2. XTO will not allow a BGT to overflow and will use berms and/or diversion ditch to prevent surface run on to enter the BGT.
- 3. XTO will continuously remove any visible or measurable layer of oil from the fluid surface of a BGT in order to prevent significant accumulation of oil.
- 4. XTO will inspect the BGT monthly and maintain written records for five years.
- 5. XTO will maintain adequate freeboard to prevent over topping of the BGT.

XTO Energy Inc. San Juan Basin Below Grade Tank Closure Plan

In accordance with Rule 19.15.17.11 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 (BGT) which does not conform to this plan.

General Plan

- XTO will close a BGT 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 an existing BGT 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 BGT within 60 days of cessation of the BGT'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 a BGT prior to implementing a closure method and will dispose of the liquids and sludge in a division-approved facility.
- 5. XTO will remove the BGT and dispose of it in a division approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.
- XTO will remove any on-site equipment associated with a BGT unless the equipment is required for some other purpose.
- 7. XTO will test the solids beneath the BGT 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 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.
- 8. 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 will be given to the Aztec Division District III office between 72 hours and one week of closure via email or verbally. The notification will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

- 11. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the BGT. Closure report will be filed on form C-144 and incorporate the following:
 - i. Details on capping and covering, where applicable
 - ii. Inspection reports
 - iii. Sampling results
- 12. 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.
- 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.
- 14. A minimum of 4' of cover shall be achieved and the cover shall include 1' of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
- 15. The surface owner shall be notified of XTO's proposal to close the BGT as per the approved closure plan using certified mail, return receipt requested.