District 1 162 Dis 13 PEGISTERED 10 10 10 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy Minerals and Natural Resources

Department

Servation Division

servation Division outh 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.

Proposed Alternative Method Permit or Closure Plan Application

Proposed Alternative Method Permit or Closure Plan Application
Type of action: 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-144) per individual pit, closed-loop system, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
I. Operator: XTO Energy, Inc. OGRID #: 5380
Address: #382 County Road 3100, Aztec, NM 87410
Facility or well name:McAdams CA B #1 API Number:30-045-06243 OCD Permit Number:
U/L or Qtr/Qtr J Section 28 Township 27N Range 10W County: San Juan
Center of Proposed Design: Latitude 36.544010 Longitude 107.896920 NAD: ☐1927 ☐ 1983
Surface Owner: Seederal State Private Tribal Trust or Indian Allotment
Surface Owner. A rederal State Private Tribal Trust or Indian Atlotment
Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3. Closed-loop System: Subsection H of 19.15.17.11 NMAC
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other
Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other
Liner Seams: Welded Factory Other
4.
Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: 120 bbl Type of fluid: Produced Water
Tank Construction material: Steel
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☒ Other _ <u>Visible sidewalls, vaulted, automatic high-level shut off, no liner</u>
Liner type: Thicknessmil
S. Alternative Method:

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

6.	
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)	
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	office for
consideration of approval.	office for
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the 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 ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits)	☐ Yes ☐ No ☐ NA
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ 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 search; 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	☐ 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 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 Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

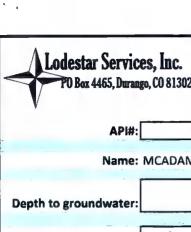
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Instructions: Please indentify the facility or facilities for the disposal of liquids,		
facilities are required. Disposal Facility Name:	Disposal Facility Permit Number:	
Disposal Facility Name:	Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities of Yes (If yes, please provide the information below) No	ccur on or in areas that will not be used for future ser	vice and operations?
Required for impacted areas which will not be used for future service and operation Soil Backfill and Cover Design Specifications based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	e requirements of Subsection H of 19.15.17.13 NMA LI of 19.15.17.13 NMAC	С
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the provided below. Requests regarding changes to certain siting criteria may required considered an exception which must be submitted to the Santa Fe Environmental demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC	re administrative approval from the appropriate dist Il Bureau office for consideration of approval. Just	rict office or may be
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Da	a obtained from nearby wells	Yes No
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Da	ta obtained from nearby wells	Yes No
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Da	a obtained from nearby wells	Yes No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	gnificant watercourse or lakebed, sinkhole, or playa	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church - Visual inspection (certification) of the proposed site; Aerial photo; Satellit		Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that les watering purposes, or within 1000 horizontal feet of any other fresh water well or NM Office of the State Engineer - iWATERS database; Visual inspection	spring, in existence at the time of initial application.	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh wat adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approx		Yes No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visu	al 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-Minin	g and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geolog Society; Topographic map	y & Mineral Resources; USGS; NM Geological	☐ Yes ☐ No
Within a 100-year floodplain FEMA map		☐ Yes ☐ No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Construction/Design Plan of Burial Trench (if applicable) based upon the a Construction/Design Plan of Temporary Pit (for in-place burial of a drying protocols and Procedures - based upon the appropriate requirements of 19.1 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Disposal Facility Name and Permit Number (for liquids, drilling fluids and Soil Cover Design - based upon the appropriate requirements of Subsection Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	quirements of 19.15.17.10 NMAC f Subsection F of 19.15.17.13 NMAC ppropriate requirements of 19.15.17.11 NMAC pad) - based upon the appropriate requirements of 19. 5.17.13 NMAC quirements of Subsection F of 19.15.17.13 NMAC Subsection F of 19.15.17.13 NMAC drill cuttings or in case on-site closure standards cannot H of 19.15.17.13 NMAC 1 of 19.15.17.13 NMAC	15.17.11 NMAC

19.	
Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.	
Name (Print): Kim Champlin Title: Environmental Representative	
Signature: Date: 01/14/2009	
e-mail address: kim_champlin@xtoenergy.com Telephone: (505) 333-3100	
20.	
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)	
OCD Representative Signature: Approval Date:	
Title: OCD Permit Number:	_
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date:	t.
22.	
Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain.	
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more that two facilities were utilized.	ın
Disposal Facility Name: Disposal Facility Permit Number:	_
Disposal Facility Name: Disposal Facility Permit Number:	
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Yes (If yes, please demonstrate compliance to the items below) No	
Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation)	
Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Longitude NAD:19271983	
25.	
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.	
Name (Print): Title:	
Signature: Date:	
e-mail address: Telephone:	

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

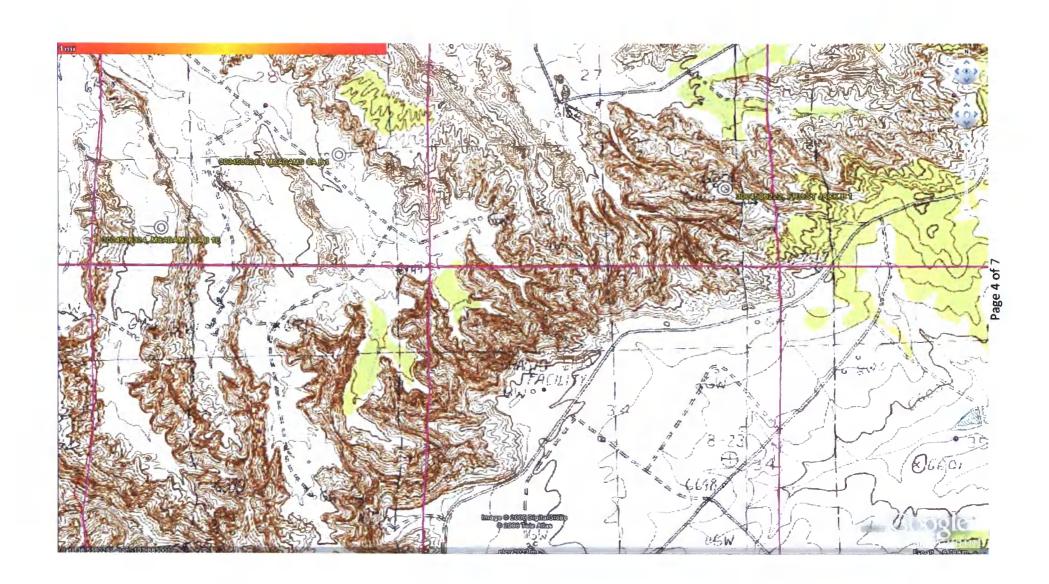
Feet From Sect. Line, 150 Feet From Line, 160 Dedicated Acreage Acres of Producing Formation Pool Producing Formation Pool Producing Formation Pool Producing Formation Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes No I. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "yes," Type of Consolidation Communitied Acres If the answer to question two is "no," list all the owners and their respective interests below: Tom C-128 filed to how excess dedication for Callan Section Owner	ection A.		I	Date	mary 23, 195	9
Unit Letter Section Township T	DAN AMERICAN PETROLEU	CORPORATION Lease	C. A. MoAdam	aBa		
This is to certify that the information in Section B This is to certify that the information in Section B This is to certify that the information in Section B This is to certify that the information in Section B This is to certify that the information in Section B This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. This is to certify that the well location shown on the plat in Section B was plotted in the same is true and correct to the best of my knowledge and server and complete to the best of my knowledge and server and correct to the best of my knowledge and server and correct to the best of my knowledge and server and correct to the best of my knowledge and belief. This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ass. 15, 1956 This is to certify that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ass. 15, 1956 This is to certify that the information in Section B was plotted by complete the same is true and correct to the best of my knowledge and belief. Date Surveyed Ass. 15, 1956 This is to certify that the information in Section A same and the same is true and correct to the best of my knowledge and belief. Date Surveyed Ass. 15, 1956	ell No. I Unit Letter	Section 25	Township		Range 10 We	NMPA
Acres of Producing Formation Calls Pool Medicated Acreage Marks (See No. 1)	ocated 150 Feet From	South Line,	650 Fee			Line
Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes No L You No L If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No Yes," Type of Consolidation Consolidated Service of the answer to question two is "no," list all the owners and their respective interests below: Form 0-125 filed to now acreage dedication for Calls Service Conner This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. PAR ARRICAN PERFORMENCE CORP. (Operator) Representative) This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Particular Performance of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Particular Performance Corp. (Operator) Registered Professional Engineer and/or Land Surveyor. Registered Professional Engineer and/or Land Surveyor. Registered Professional Engineer and/or Land Surveyor. Certificate No. 1463	ounty San June G. I	. Elevation	Dedicated	d Acreage		Acres
YesNo	ame of Producing Formation	united				nw?
If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation Communities Agreement to question two is "no," list all the owners and their respective interests below: Form c-lastified to more agreement dedication for Gallap seed		owner, in the deates	iteu acreage ou	CITIEG OII	the place belo	,,,,
consolidated by communitization agreement or otherwise? Yes No. If answer is "yes," Type of Consolidation Communities Agreement or otherwise? Type of Consolidation for Gallan sees Dance of the answer to question two is "no," list all the owners and their respective interests below: This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. A ABRICAN FINICIPAL COP. (Operator) This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. A Section B This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. A Section B This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. A Section B This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. A Section B This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. A Section B This is to certify that the information in Section B actual Decision A shown on the plat in Section B actual Decision A shown on the plat in Section B actual Decision A shown on the plat in Section B actual Decision A shown on the plat in Section B actual Decision A shown on the plat in Section B actual Decision A shown on the plat in Section B actual Decision A shown on	If the answer to question	one is "no," have t	the interests o	f all the	owners been	
If the answer to question two is "no," list all the owners and their respective interests below: Torn 0-12 filed to how servery dedication for Callup seed	consolidated by communiti:	zation agreement or	otherwise? Ye	s_INo_	If answ	er is
Conner Land Description This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. Querator) Land Profila This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Aug. 15, 1958 This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Aug. 15, 1958 Certificate No. 1463	"yes," Type of Consolidat	ion Communication	all the owners	and their	respective in	terests
Conner Land Description This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. AN AMPIGNATIONAL FERROLEUM CORP. (Operator) R. M. Bener, Jr. (Representative) Rev. 487, Farmington, Bow New Address This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Aug. 15, 1958 Ordinal Sur		(WU 15 NO, 1151 6	ill the omicis	4114 011011	1000000170 11	
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. AM ARRICAN FRINCHE COP. (Operator) (Representative) Banks Fo V/7941A This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Aug. 15, 1958 Ordinal Surveyed Aug.	Form G-126 filed to	men exerces decident				
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. PARABICAL PRINCIPUM CORP. (Operator) R. H. Bauer, Jr. (Representative) Back A.J. Farminton. How Max Address This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ave. 15, 1978 Original Principum Corp. (Certificate No. 1465)	Owner		Land Desc	ription	A STATE OF THE STA	
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. PARABICAL PRINCIPUM CORP. (Operator) R. H. Bauer, Jr. (Representative) Back A.J. Farminton. How Max Address This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ave. 15, 1978 Original Principum Corp. (Certificate No. 1465)					10	
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. PARABICAL PRINCIPUM CORP. (Operator) R. H. Bauer, Jr. (Representative) Back A.J. Farminton. How Max Address This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ave. 15, 1978 Original Principum Corp. (Certificate No. 1465)					1	
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. PARABICAL PRINCIPUM CORP. (Operator) R. H. Bauer, Jr. (Representative) Back A.J. Farminton. How Max Address This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ave. 15, 1978 Original Principum Corp. (Certificate No. 1465)				الوزير والماء	10/5	
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. PARABICAL PRINCIPUM CORP. (Operator) R. H. Bauer, Jr. (Representative) Back A.J. Farminton. How Max Address This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ave. 15, 1978 Original Principum Corp. (Certificate No. 1465)					O. COL	
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. A RIGHTSTRIKE COP. (Operator) (Operator) (Representative) Box 487, Farmington, Now Next Address This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ang. 15, 1958 Registered Professional Engineer and/or Land Surveyor. Registered Professional Engineer and/or Land Surveyor. Certificate No. 1463				1 2%	COM	
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief. A RIGHTSTRIKE COP. (Operator) (Operator) (Representative) Box 487, Farmington, Now Next Address This is to certify that the well location shown on the plat in Section B was plotte from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Ang. 15, 1958 Registered Professional Engineer and/or Land Surveyor. Registered Professional Engineer and/or Land Surveyor. Certificate No. 1463	ection B			10	الم القالي ما	
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Registered Professional Engineer and/or Land Surveyor Certificate No. 1463		3		Date Su	rveyed Att. 1	5, 1958
Registered Professional Engineer and/or Land Surveyor Certificate No.	i					
330 660 990 1320 1660 1980 2310 2640 2000 1500 1000 900 Certificate No. 1663		i				nal
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(See instructions for completing this form on the reverse side)						
(See instructions for completing this form on the reverse side)	390 660 990 1320 1660 1980 2310	1,640 2,000 1500	1000 500	Certifi	cate No. 146	3
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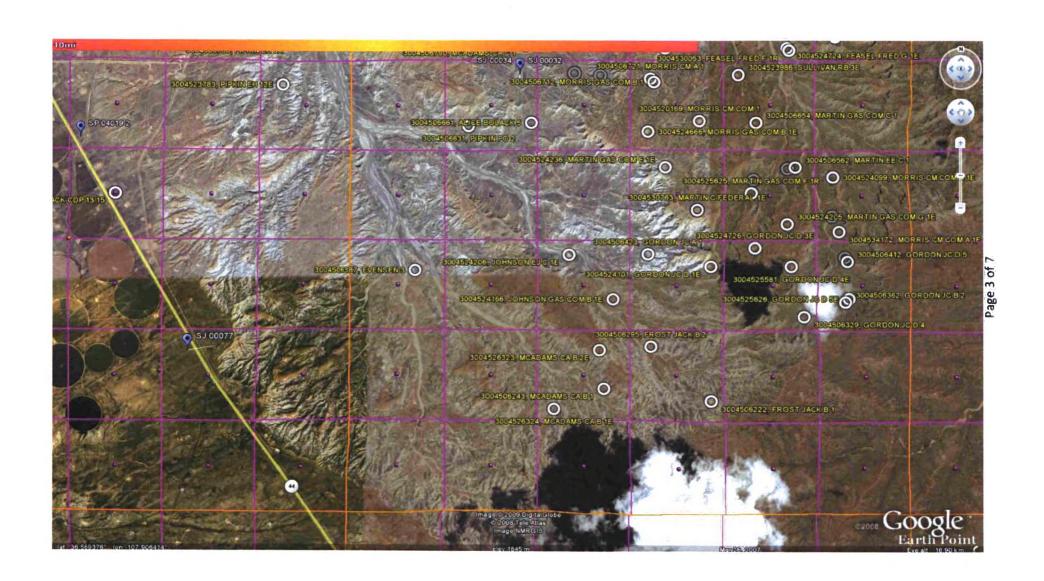


Pit Permit

Client:	
Project:	tank permitting
Revised:	12-Jan-09
Prepared by:	Trevor Ycas

PO Box 4465, Durang	ro. CO 81302	Siting Criteria	Revised:	12-Jan-09
V	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Information	Prepared by:	Trevor Ycas
API#:	3	0-045-06243	USPLSS:	27N 10W 28 J
Name:	MCADAMS	CA B No. 001	Lat/Long:	36.544010°, -107.896920°
Depth to groundwater:		depth < 50'	Geologic formation:	Nacimiento Formation (Tn)
Distance to closest continuously flowing watercourse:	River'; 19	es NNE to 'San Juan 0.6 miles E to 'Blanco main wash channel	site elevation: 1863m/ 6112'	
Distance to closest significant watercourse, lakebed, playa lake, or sinkhole:	NW to 'Ku	wash channel; ~2990' tz Canyon' main wash channel;		
and the state of t		And the second of the second o	Soil Type:	Alfisol / Entisol
Permanent residence, school, hospital, institution or church within 300'		NO		
			Annual Precipitation:	Navajo Reservoir: 11.90", Aztec: 9.77", Farmington (FAA): 8.21", Bloomfield: 8.71'
Domestic fresh water well or spring within 500'		NO	Precipitation Notes:	Historical daily max. precip.: 4.0" (Bloomfield)
Any other fresh water well or spring within 1000'		NO		
Within incorporated municipal boundaries		NO	Attached Documents:	29N09W_iWaters.pdf, 29N10W_iWaters.pdf, 29N11W_iWaters.pdf, 30N09W_iWaters.pdf, 30N10W_iwaters.pdf, 30N11W_iwaters.pdf, 31N09W_iWaters.pdf, 31N10W_iWaters.pdf, 31N11W_iWaters.pdf
Within defined municipal fresh water well field		NO	FM3500640550B_30- 045-06243.jpg	30-045-06243_gEarth-iWaters.jpg, 30-045-06243_gEarth- PLS.jpg ,30-045-06243_topo-PLS.jpg
Wetland within 500'		NO	Mining Activity:	None Near
	<u>82.35.</u>	NO		NM_NRD-MMD_MinesMillQuarries_30-045-06243.jpg
Within unstable area		NO	ng.	
Within 100 year flood plain		NO		
Additional Notes:	and the same of th	y same and a		
drains to 'San Juan River' via 'Kutz Canyon'				headwaters of Kutz Canyon, NW of Angel Peak & W of Harris Mesa





	Township: 28N Range: 10W Sections:
	NAD27 X: Y: Zone: Search Radius:
	County: Suffix: Suffix:
	Owner Name: (First) (Last) Non-Domestic Domestic All
	POD / Surface Data Report
	Clear Form iWATERS Menu Help
	WATER COLUMN REPORT 08/08/2008
OD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Tws Rng Sec g g Zone X Y Well Water Column

No Records found, try again

NA	D27 X:	Y:	Zone:	Search 1	Radius:
County:	Ba	sin:	£2	Number:	Suffix:
Owner Name:	(First)	(Last)		Non-Dor	nestic ODomestic
	000 40 4	Data Report Avg	Depth to Water Re	NA/	Column Report

WATER COLUMN REPORT 08/06/2008

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest)

	(quarter	s are	big	gge	st	to	smallest)			Depth	Depth	Water	(in feet)
POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Well	Water	Column	
SJ 03746 POD1	28N	09W	20	1	2	3				190	40	150	
SJ 00018	28N	09.W	20	3	1	4				135	71	64	
SJ 02800	28N	09W	24	4	2	3				200			

NA	D27 X:	Y:	Zone:	Search R	adius:
County:	Basii	n:	Ó	Number:	Suffix:
Owner Name:	(First)	(Last)		Non-Don	nestic ODomestic Al
	POD / Surface Dat		epth to Water R	eport Water C	olumn Report

(quarters	are	1=NW	2=NE	3=SW 4=SE)
(quarters	are	bigge	st to	smallest)
m 1		7			

(quarters are biggest to s			smallest)			Depth	Depth	Water	(in	feet)				
POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Well	Water	Column		
SJ 01787	27N	11W	07	2	2					650				
SJ 00077	27N	11W	26	2	1	3				1102	550	552		

			The state of the s	,
County:	Basin:		Number:	Suffix:
Owner Name:	(First)	(Last)	Non-Dom	estic ODomestic OAll
	POD / Surface Data Re	eport Avg Depth to Wa	ter Report Water Co	olumn Report
	<u>_c</u>	Clear Form iWATERS	Menu Help	

SJ 00032 SJ 00033 SJ 00034

27N 10W 08 2 2 3 27N 10W 08 2 2 3 27N 10W 08 2 2 3

Tws Rng Sec q q q

Depth Depth Well Water Column 235 60 204 235

170

175

65

Record Count: 3

POD Number

Township: 27N		Sections:	1 D U
NAD27 X:	Y:	Zone: Searc	ch Radius:
County: B	asin:	Number:	Suffix:
Owner Name: (First)	(Last)	○ Non-D	Domestic ODomestic OAll
POD / Surface	Data Report Avg D	epth to Water Report Water	er Column Report
	Clear Form i	WATERS Menu Help	

AVERAGE DEPTH OF WATER REPORT 08/06/2008

(Depth Water in Feet)

Bsn	Tws	Rng	Sec	Zone	x	Y	Wells	Min	Max	Avg
SJ	27N	10W	08				2	60	170	115

			POD Reports and Downloads	
		Townsh	p: 27N Range: 09W Sections:	
		NAD27 X:	Y: Zone: Search Radius:	
		County:	Basin: Number: Suffix:	
		Owner Name: (First)	(Last) Non-Domestic Domestic All	
		POD /	Surface Data Report Avg Depth to Water Report Water Column Report	
			Clear Form IWATERS Menu Help	
	POD / SURFACE DA	TA REPORT 08/12/2008	(quarters are 1=NW 2=NE 3=SW 4=SE)	
DB File Nbr	(acre ft per annum) Use Diversion Owner	POD Number	(quarters are biggest to smallest X Y are in Feet UTM are in Meters) Source Two Rng Sec q q Q Zone X Y UTM_Zone Easting Northing Date	tart Finish Depth Dept to Date Well Water
No Records for	and, try again			

1 of 1

	Township: 26N Range: 11W Sections:
	NAD27 X: Y: Zone: Search Radius:
	County: Basin: Number: Suffix:
	Owner Name: (First) (Last) Non-Domestic Omestic Mall
	POD / Surface Data Report
	Clear Form iWATERS Menu Help
	WATER COLUMN REPORT 08/11/2008
	(quarters are 1=NW 2=NE 3=SW 4=SE)
	(quarters are biggest to smallest) Depth Depth Water (in feet)
OD Number	Tws Rng Sec q q q Zone X Y Well Water Column
3J 01626	26N 11W 16 4 3 255 200 55
SJ 02734	26N 11W 35 4 3 2 275 165 110

County:	Basin:	Number:	Suffix:
Owner Name: (First)	(Last)	O Non-Don	nestic ODomestic • Al
POD / Sur	face Data Report Avg Dep	oth to Water Report Water C	Column Report
	Clear Form iW	/ATERS Menu Help	

	(quarter	s are	a Did	394	est to	amailear)			Deptn	nebru	water	- (:
POD Number	Tws	Rng	Sec	q	qq	Zone	X	Y	Well	Water	Column	
SJ 00193	26N	10W	13	4	2				2287	500	1787	
SJ 00194	26N	10W	25	4	1				2105	500	1605	

	Fownship: 26N	Range: 09W	Sections:		
NA	D27 X:	Y:	Zone:	Search	n Radius:
County:	Bas	sin:		Number:	Suffix:
Owner Name:	(First)	(Last		O Non-Do	omestic ODomestic OAll
	POD / Surface D	ata Report Av	g Depth to Water	r Report Water	Column Report
		Clear Form	iWATERS Me	enu Help	

WATER COLUMN REPORT 08/08/2008

	(quarter	s are	a 1=	NW	2=N	E 3=SW 4=SE)					
	(quarter	s are	e bi	gge	st	to smallest)		Depth	Depth	Water	(in feet)
POD Number	Tws	Rng	Sec	q	P P	Zone	X	Y	Well	Water	Column	
SJ 02961	26N	09W	01	2	2 3				1500			
SJ 02962	26N	09W	01	3	2 3				1500			
SJ 01756	26N	09W	11	2	2 3				75	40	35	
SJ 03811 POD1	26N	09W	12	3	3 3				348	175	173	
SJ 00412	26N	09W	16	4	2				202	65	137	
SJ 00214	26N	09W	2,6	2	4 2				946	230	716	
SJ 00064	26N	09W	26	4	2 1				490	215	275	
SJ 00063	26N	09W	26	4	2 3				479	234	245	

	Township: 28N Range: 11W Sections:
	NAD27 X: Y: Zone: Search Radius:
	County: Basin: Number: Suffix:
	Owner Name: (First) (Last) Non-Domestic Omestic All
	POD / Surface Data Report
	Clear Form iWATERS Menu Help
	WATER COLUMN REPORT 08/06/2008
	(quarters are 1=NW 2=NE 3=SW 4=SE)
D Number	(quarters are biggest to smallest) Depth Depth Water (in feet) Tws Rng Sec q q Zone X Y Well Water Column

80

98

35

70

45

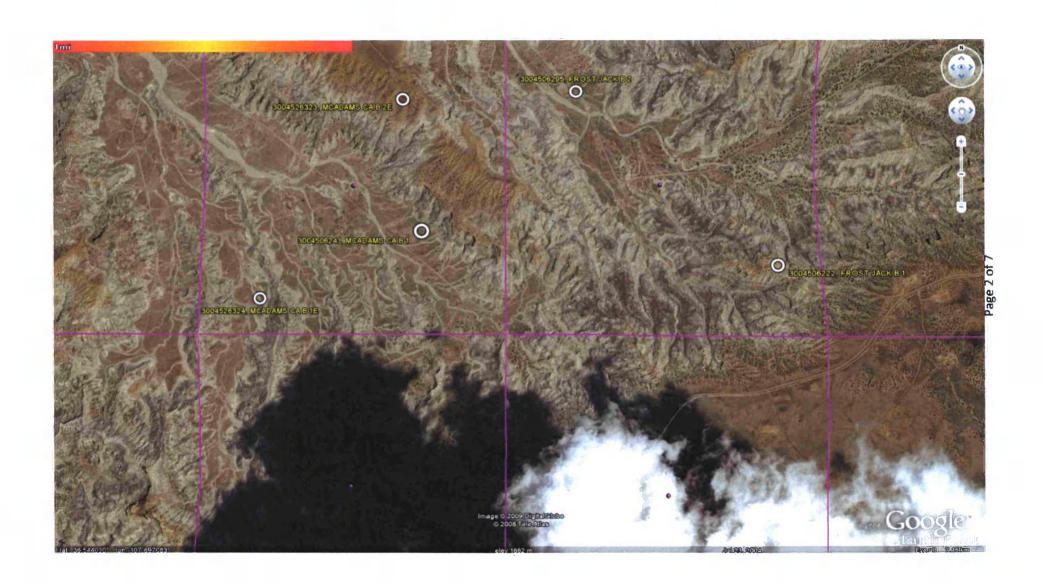
28

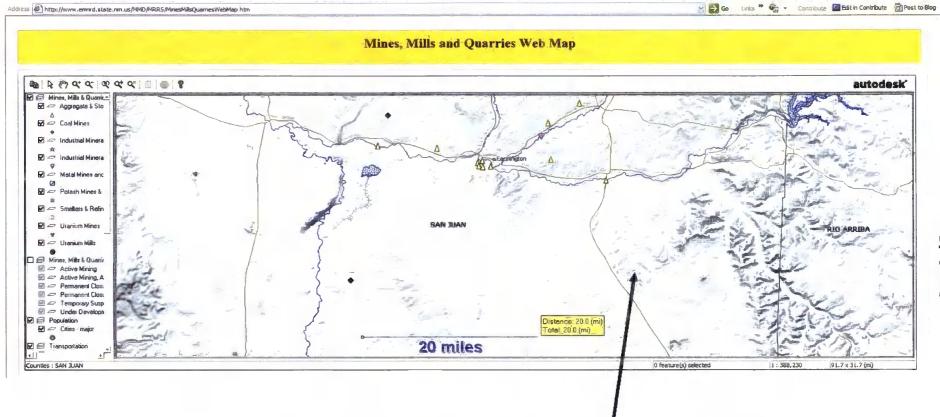
Record Count: 2

28N 11W 07 3 4 4

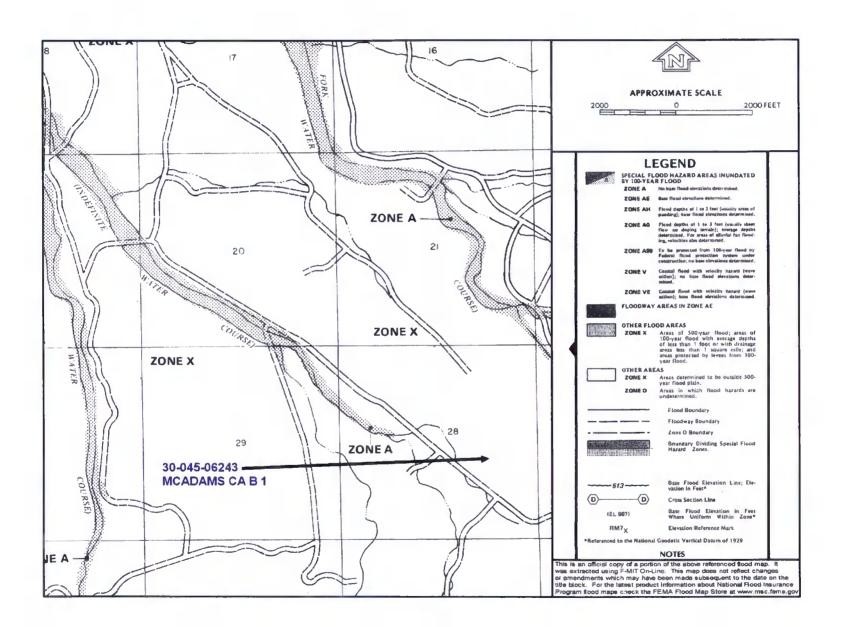
SJ 03193

SJ 02916





30-045-06387; 30-045-24206; 30-045-24166; 30-045-06423; 30-045-24101; 30-045-26323; 30-045-06295; 30-045-06243; 30-045-06324; 30-045-06222;



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.

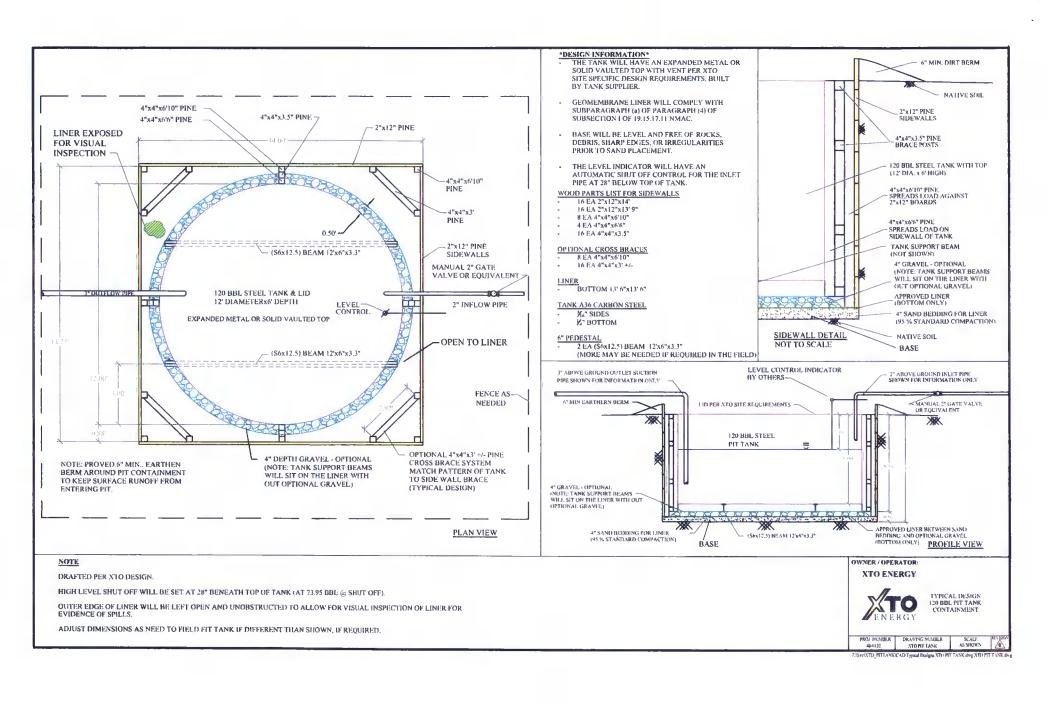
General Plan

- 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 ¼ mile of a permanent residence, school, hospital, institution or church. Below-grade tanks located within 1000' of a permanent residence, school, hospital, institution or church will be fenced by 6' chain link fence with at least two strands of barbed wire at the top. All gates associated with below-grade tanks will remain closed and locked when responsible individuals are not on site.
- 4. XTO shall construct below-grade tanks with an expanded metal covering or solid vaulted top on the top of the below-grade tank.
- 5. XTO will ensure that below-grade tanks are constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight. Tanks will be constructed of A36 carbon steel with 3/16" sides and 1/4" bottom. (See attached drawing).
- 6. The below-grade tank system will have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom. Sand bedding (4") will be placed on top of a level foundation to ensure prevention of punctures, cracks or indentations of the liner or tank bottom.
- 7. XTO will construct a berm and/or diversion ditch in a manner that prevents the collection of surface water run-on. Below-grade tanks will be equipped with automatic high level shut-off devices as well as manually operated shut-off valves. (See attached drawing).
- 8. XTO will construct and use below-grade tanks that do not have double walls. The below-grade tank sidewalls will be open for visual inspection for leaks. The sidewalls of the cellar will be constructed with 2" X 12" pine sidewalls and 4" X 4" pine brace posts. The below-grade tank

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

bottom will be elevated a minimum of 6" above the underlying ground surface and the 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.
- 3. XTO will continuously remove any visible or measurable layer of oil from the fluid surface of below-grade tanks in order to prevent significant accumulation of oil.
 - 4. XTO will inspect the below-grade tank monthly and maintain written records for five years. Monthly inspections will consist of documenting the following: (see attached template),

Well Name
API #
Sec., Twn., Rng.
XTO Inspector's name
Inspection date and time
Visible tears in liner
Visible signs of tank overflow

Collection of surface run on

Visible layer of oil

Visible signs of tank leak

Estimated freeboard

- 5. XTO will maintain adequate freeboard to prevent over topping of the below-grade tank. High level shut-off devices control the freeboard at an average of 28" beneath the top of the tank.
- 6. XTO will not discharge into or store any hazardous waste in any below-grade tank.
- 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.

				A D. A.				
Well Name:				API No.:				
egals	Sec:		Township:		Range:			
XTO Inspector's Name	Inspection Date	Inspection Time	Any visible liner tears (Y/N)	Any visible signs of tank overflows (Y/N)	Collection of surface run on (Y/N)	Visible layer	Any visible signs of a tank leak (Y/N)	Freeboard Est. (ft)
				-				
Notes:	Provide De	tailed Descri	ption:					
flisc:								

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

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

General Plan

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

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

Soil contaminated by exempt petroleum hydrocarbons

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

Basin Disposal Permit No. NM01-005 Produced water

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

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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 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:
 - 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.

