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.

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

, Santa Fe, NM 87505	Santa Fe, NM 87505	provide a copy to the District Office		
Pit, Clos	sed-Loop System, Below-Grac	le Tank, or		
Droposed Altern	ative Mathad Dormit or Classe	ra Dlan Application		

Proposed Alternative Method Permit or Closure Plan Application Type of action Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Existing BGT 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 Operator —XTO Energy, Inc. Address 382 Road 3100 Aztec, NM 87410 Facility or well name. UTE MTN TRIBAL D #3 3004520942 OCD Permit Number F Section 10 Township 31N Range 14W County San Juan U/L or Qtr/Qtr Center of Proposed Design Latitude 36.91844 Longitude 108.29800 NAD $\square 1927 \square 1983$ Surface Owner: Federal State Private Tribal Trust or Indian Allotment 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 bbl Dimensions L x W 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 ☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other ___ ☐ Lined ☐ Unlined Liner type Thickness mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _ **XBelow-grade tank:** Subsection I of 19 15 17 11 NMAC 120 bbl Type of fluid: Produced Water Volume Steel Tank Construction material. Secondary containment with leak detection Usible sidewalls, liner, 6-inch lift and automatic overflow shut-off Usuble sidewalls and liner Visible sidewalls only Visible sidewalls, vaulted, automatic high-level shut off mil HDPE PVC Other Liner type: Thickness

Alternative Method:

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

Fencing: Subsection D of 19 15 17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 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,
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)	
Monthly inspections (if ficting of screening is not physically leasible)	
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	J
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 appropriate or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying above-grade tanks associated with a closed-loop system.	priate district pproval.
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells	☐ Yes ⊠ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	☐ Yes ☑ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application (Applies to permanent pits) - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	☐ Yes ☐ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application - NM Office of the State Engineer - iWATERS database search, Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality, Written approval obtained from the municipality	☐ Yes ⊠ No
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within the area overlying a subsurface mine - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ⊠ No
Within an unstable area - Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS; NM Geological Society; Topographic map	☐ Yes ⊠ No
Within a 100-year floodplain FEMA map	☐ Yes 🏻 No

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
12 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 Erosion Control 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 ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15.17 13 NMAC

considered an exception which must be submitted to the Santa Fe Environmental 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 burred waste NM Office of the State Engineer - IWATERS database search, USGS, Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the burred waste NM Office of the State Engineer - IWATERS database search, USGS, Data obtained from nearby wells Ground water is more than 100 feet below the bottom of the burred 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 of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - WATERS database, Visual inspection (certification) of the proposed site within an unstable area Within an 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 an unstable area Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Within an unstable area Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Within a nunstable area Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological String Circuit	Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19 15.17 13 D NMAC) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two							
Disposal Facility Name Disposal Facility Permit Number Will any of the proposed closed-loop system operations and associated activities sociar on or in areas that will not be used for future service and operation Vest (If yes, please provide the information below) No Required for impacted areas which will not be used for future service and operations Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection II of 19 15.17 13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection II of 19 15.17 13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection II of 19 15.17 13 NMAC Siting Criteria (requerding on-site closure methods only): 19 15 17 10 NMAC Instructions: Each stiling criteria requires a demonstrations of compliance in the closure plan. Recommendations of acceptable source material are revoiled below. Requests regarding changes to certain stiling criteria may require administrative approval from the appropriate district office or may considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of quivalence, required. Planes refer to 19.15.17.10 NMAC for guidance. Ground water is less than 50 feet below the bottom of the buried waste NM Office of the State Ingineer - iWATERS database search, USGS, Data obtained from nearby wells NA Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa Ne Ne Ne Ne Ne Ne Ne N	1	Donat and Freedom Donate Nicolan						
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 (If yes, please provide the information below) No Required for impacted areas which will not be used for future service and operations Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection Ho 19 15 17 13 NMAC Revegetation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Go - stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Plan - based upon the appropriate requirements of Subsection Go 179 15.17 13 NMAC Stite Reclamation Go - stite Reclamation Go - stite Reclamation of Plan - stite Reclamation of the Stite Reclamation of Go - stite Reclamation Plan - stite Reclamation of the burned waste								
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Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection 16 of 19 15.17 13 NMAC		cur on or in areas that will not be used for future serv	rice and operations?					
Siting Criteria (regarding on-site closure methods only): 19 15 17 10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may considered an exception which must be submitted to the Santa Fe Environmental 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 buried waste NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or plays lake (measured from the ordinary high-water mark). Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or plays lake (measured from the ordinary high-water mark). Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. NM Office of the State Engineer - iWATERS database, Visual inspection (certification) of the proposed site Within neorporated municipal boundaries or within a defined municipal 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 neorporated municipal boundaries or within a defined municipal fresh water well or spring, in existence at the time of minitial application. NM Office of the State Engineer - iWATERS database, Visual inspection (☐ Soil Backfill and Cover Design Specifications based upon the appropriate ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I	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						
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NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells NA		obtained from nearby wells	☐ Yes ☐ No☐ NA					
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 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 a nunstable 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 Is. On. Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicable by a check mark in the box, that the documents are attached. Sting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 11 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 Subsection F of 19 15 17 13 NMAC Confirmation Sampling Plan (if applicable) - based		obtained from nearby wells	☐ Yes ☐ No ☐ NA					
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - IWATERS database, Visual inspection (certification) of the proposed site Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended Written confirmation or verification from the municipality, Written approval obtained from the municipality Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine 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 Yes No No No No No No No N	lake (measured from the ordinary high-water mark)	ificant 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 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 Non-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. Stung Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15 17.10 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 Subsection F of 19.15 17.13 NMAC 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 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					
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 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 indice 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 - Gonstruction/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 - Confirmation 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)	watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.							
US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division Within an unstable area Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map Within a 100-year floodplain FEMA map Within a 100-year floodplain FEMA map Press 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 indice 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 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)	adopted pursuant to NMSA 1978, Section 3-27-3, as amended							
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 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 indice 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 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)		inspection (certification) of the proposed site	☐ Yes ☐ No					
- 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 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 Subsection F 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 17.11 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)								
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 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 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 Geology	& 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 indice 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)			☐ 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 I of 19.15 17 13 NMAC								

Page 4 of 5

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 9-17-08
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: 3/20/2012
Title: 6mm ruce office 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:
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 than two facilities were utilized.
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 1927 1983
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

Supersears C-128 Theorive 1-1-6

All distances must be from the outer boundaries of the Section Lease Well Amoco Production Company Ute Mountain Tribal "D" France County \mathbf{F} 10 31N TIM San Juan actual . Location of Well. 1530 North 1980 Wost feet from the line and feet from the Producting Formation Pool Dedicate a Actingo 6360 Dakota Ute Dome Dakota 160 1. Outline the acreage dedicated to the subject well by colored pencil or hachuse marks on the plat below. if more than one lease is dedicated to the well, outline each and identify the ownership ! orkin, interest and royalty). of SEPwnes 1971 consoli-3. If more than one lease of different ownership is dedicated to the well, have the interests dated by communitization, unitization, force-pooling. etc? OIL CON. COM. Yes No If answer is "yes," type of consolidation. If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side or this form if necessary.)_ No arrowable will be assigned to the well until all interests have been consolidated (by communitization, universition, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION Auoda I hereby certify that the information cor-I-22-IND-619 tained herein is true and complete to the Ute Indians best of my knowledge and belief Name D. A. Wayhan 1980 Position 3-D Area Engineer Company Amoko AMOCO PRODUCTION COMPANY 14-20-604-79 Date September 3, 1971 Se<u>c.</u> 10 I hereby certify that the well-location shown on this plat was piotica from field notes of actual surveys made by me or under my supervision, and that the same Ute Indians is true and correct to the cour of my knowledge and belief utve /ed September 1, 19 sour teres including i and for Land Survey 1 Fred Kerr

2000

1320 1650

1980 2310

1500

1000

500

3950

Lodestar Services, Inc. P0 Box 4465, Durango, CO 81302

Pit Permit Siting Criteria Information Sheet

Client:	XTO Energy		
Project:	Pit Permits		
Revised:	9/12/2008		
Prepared by:	Daniel Newman	,	

V 10 301 1100, 2 m mago,	00 01002	Information She	et Prepared by:	Daniel Newman
API#:	Kim Sweet in 1889	2004520042	USPLSS:	
Ar in.	3004520942		USPLSS.	T32N,R14W,10F
Name:	UTE	MTN TRIBAL D#3	Lat/Long:	36 91844 / -108.298
Depth to groundwater:		>100'	Geologic formation:	Nacimiento
Distance to closest continuously flowing watercourse:	6 miles	E to the La Plata River		
Distance to closest significant watercourse, lakebed, playa lake, or sinkhole:	2,000' N	N to Purgatory Canyon		
Permanent residence, school, hospital, institution or church within 300'		No	Soil Type:	Éntisols
			Annual Precipitation:	8 21" Farmington FAA Airport
Domestic fresh water well or spring within 500'		No	Precipitation Notes:	
Any other fresh water well or spring within 1000'		No	<u> </u>	
Within incorporated municipal boundaries		No	Attached Documents:	
Within defined municipal fresh water well field		No		Topo map, ground water data map, ariel photo, mines and quarries map,
Wetland within 500'		No	Mining Activity:	No
Within unstable area		No		
Within 100 year flood plain	No F	FEMA data availble	•	
Additional Notes:				

Ute Mountain Tribal D #3 Below Grade Tank Siting Criteria and Closure Plan

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 in the northwest corner of the San Juan Basin, where the Hogback monocline ends. Thicker sequences common throughout the central basin begin to pinch out and older units of Cretaceous Age are exposed, specifically the Menefee Formation and Cliff House Sandstone (Brister and Hoffman, 2002). The resistant Cliff House sandstones form prominent cliff bands, while shales and smaller sandstones of the Menefee Formation are exposed at lower elevations. The stratigraphic section reflects deposition in a coastal plain environment and consists of gray, brownish and tank sandstone interbedded with dark, carbonaceous shales and coal beds. Also, deposits of Quaternary alluvial and aeolian sands occur prominently near the surface, especially near streams and washes.

Cretaceous and Tertiary sandstones, as well as Quaternary alluvial deposits serve as the primary aquifers in the San Juan basin (Stone et al., 1983). Within the Menefee Formation, thinner confining units that consist of shale, as well as coal and thick sandstone beds, are present. In general, the water from Cretaceous aquifers is minimal (less than 5 gpm), although moderate quantities (5-25 gpm) may be supplied from aquifers within the Menefee Formation (Stone et al., 1983). Aquifer depths range from very shallow depths to over 6000 feet below ground surface. Groundwater within these aquifers flows toward the nearby La Plata River, which is a tributary of the San Juan River.

The prominent soil type at the proposed site is rockland, which are basically little to no soils that do not show any profile development. Soils that are present are 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 the soils that cover the area and prohibits effective recharge to the underlying aquifers.

Dry and arid weather further prohibit active recharge. The climate of the region is arid, averaging just over 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).

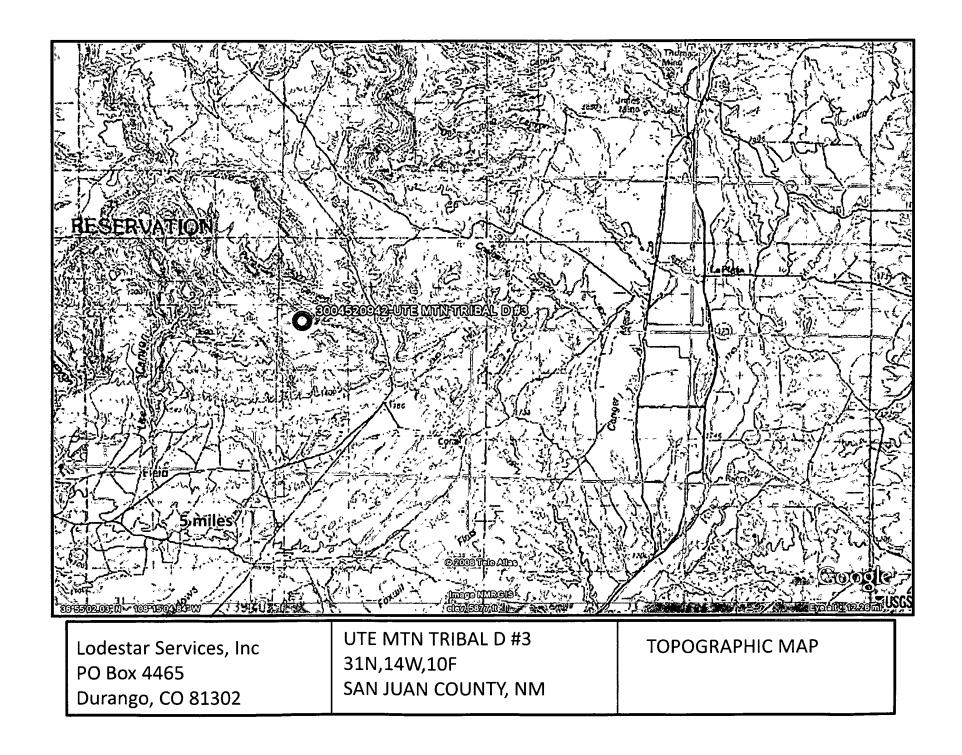
The predominant vegetation is sagebrush and grasses with a more restricted pinon-juniper association (Dick-Peddie, 1993).

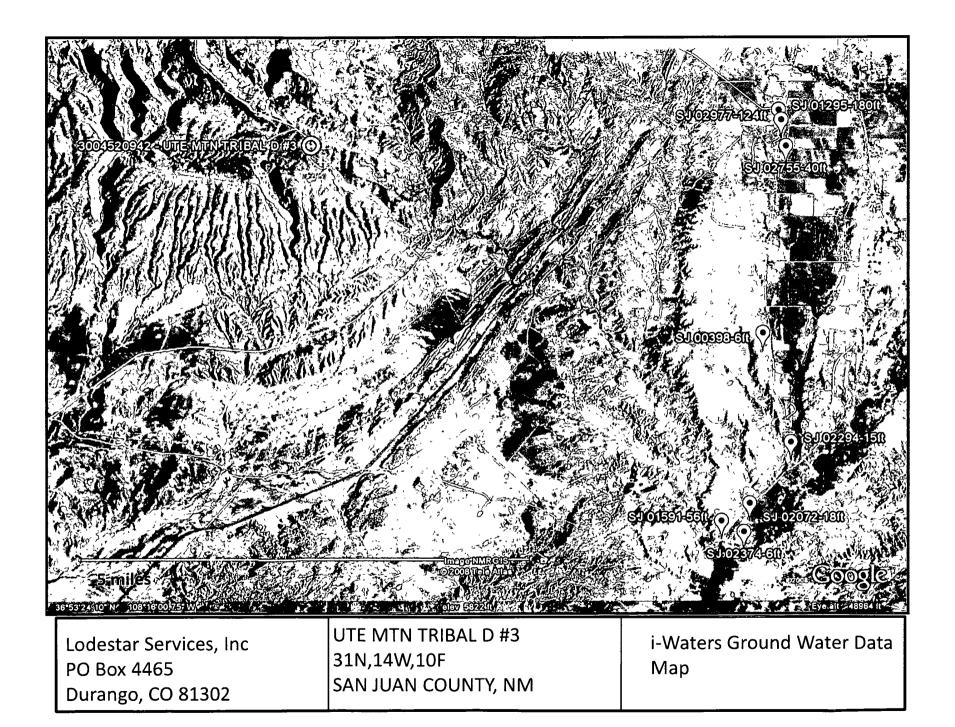
Site Specific Hydrogeology

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 Menefee Formation, which range from shallow depths to over 6000 feet deep in this area (Stone et al., 1983). The site in question is located on a dissected slope composed of shale and alluvium. The slope is almost two miles long and exhibits an elevation change of almost 200 feet. Nearby canyons include Purgatory Canyon to the north. The floor of Purgatory Canyon, where groundwater may be shallow, is over 300 feet below the proposed site. Within the canyon, only thin layers of sandstone are visibly exposed; thick shales dominate. The observed lithology suggests no regional aquifers occur within 100 feet below the proposed site.

Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. A map showing the location of wells in reference to the proposed pit location is attached. Pinpoints show locations of wells and the labels for each pinpoint indicate depth to groundwater in feet. Wells are clustered near populated areas along the La Plata River east of the proposed site. These sites contain shallow groundwater, but topographic and hydrographic conditions are not representative of the site in question. Many data points exist east of the site and indicate groundwater at 10-180 feet in depth. These groundwater wells are located approximately 500 feet lower in elevation than the proposed site, suggesting groundwater is greater than 100 feet deep at the proposed location.





New Mexico Office of the State Engineer POD Reports and Downloads

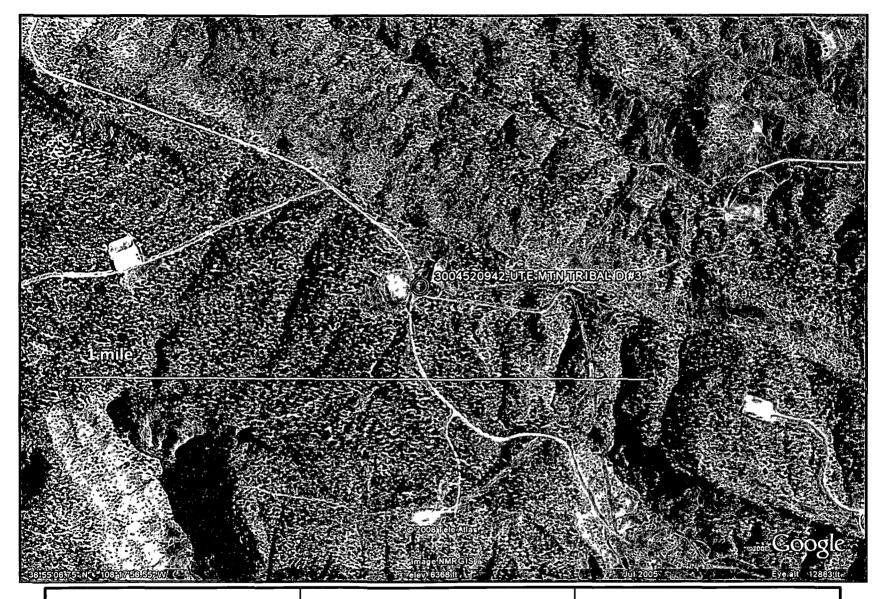
WATER COLUMN REPORT 09/15/2008

					3=SW 4=SE smallest	-		Depth	Depth	Water	(1n	feet)
POD Number	Tws	Rng Sec	qq	q q	Zone	X	Y	Well	Water	Column		
SJ 02590	31N	13W 02	1 2	3				114	70	44		
SJ 00835	31N	13W 02	2.2					34	19	15		
SJ 03386	31N	13W 03	2					30	11	63		
SJ 02990	31N	13W 03	23	4				100	22	73		
SJ 01295	31N	13W 09	2 1	1				230	180	50		
SJ 02977	31N	13W 09	21	3				325	124	201		
SJ 02755	31N	13W 09	23	4				ćū	4 0	20		
SJ 02987	31N	13W 09	4 1	3				250	87	163		
SJ 02717	31N	13W 10	1 3					42	22	20		
SJ 01094	31N	13W 10	2					130	60	70		
SJ 00798	31N	13W 10	2					125	ćā	€0		
SJ 00089	31N	13W 10	2 1	1				80	18	€2		
SJ 01952	31N	13W 10	2 4					16	ć	10		
SJ 01944	31N	13W 10	24					20	ŧ	16		
SJ 02276	31N	13W 10	3					24	13	5		
SJ 01945	31N	13W 10	3 3					31	16	15		
SJ 00729	31N	13W 10	4 I					43	10	33		
SJ 01950	31N	13W - 10	4 1					21	11	10		
SJ 02637	31N	13W 10	4 2	2				20	ć	14		
SJ 03734 POD1	31N	13W 15		3				4 ()	10	30		
SJ 02048	31N	13W 15	3 2	4				54	24	30		
SJ 00398	31N	13W 21						104	ć	93		
SJ 00965	31N	15W 22	1					115	30	35		
SJ 03197	31N	13W 22	1 1	3				11	5	ć		
SJ 01820	31N	13W 22	3 1					50	20	30		
SJ 02737	31N	13W 22	33					78	40	33		
SJ 02836	31N	13W 22		1				100	30	70		
SJ 03797 POD1	31N	13W 22		3				220	20	200		
SJ 03611	31N	13W 23	13	l				24	14	10		
SJ 02729	31N	13W 27	1 1					100	70	30		

SJ 02753	31N	13W 27	1 1 1	74	41)	34
SJ 02832	31N	13W 27	1 1 1	20	20	ć0
SJ 03351	31N	13W 27	1 4 2	42	20	22
SJ 02761	31N	13W 27	3 3	30	40	40
SJ 02294	31N	13W 28	4 2 3	42	15	27
SJ 02724	31N	13W 28	4 2 3	40	5	35
SJ 03730 POD1	31N	13W 28	4 3 1	190	70	120
SJ 02811	31N	13W 28	4 4 1	50	2	43
SJ 02766	31N	13W 28	4 4 4	50	12	33
SJ 02072	31N	13W 33	1 4	42	18	24
SJ 01591	31N	13W 33	3 1 1	70	56	14
SJ 03083	31N	13W 33	3 2 2	25	14	11
SJ 02374	31N	13W 33	3 2 3	13		

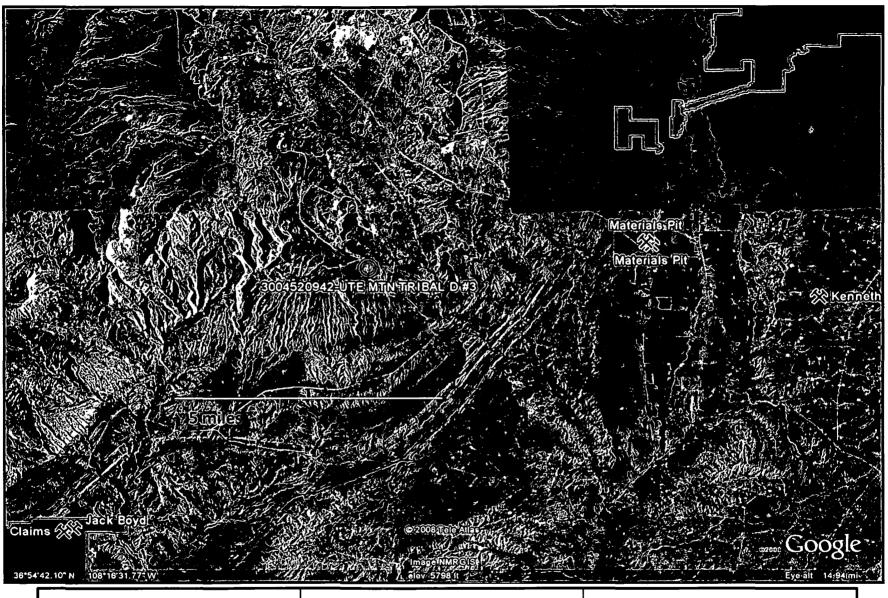
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Lodestar Services, Inc PO Box 4465 Durango, CO 81302 UTE MTN TRIBAL D #3 31N,14W,10F SAN JUAN COUNTY, NM

AERIAL PHOTOGRAPH



Lodestar Services, Inc PO Box 4465 Durango, CO 81302 UTE MTN TRIBAL D #3 31N,14W,10F SAN JUAN COUNTY, NM

Mines and Quarries 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

- 1. 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.
- 7. 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.
- 8. 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.
- 10. 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.
- 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
- 6 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
 - 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 divisionapproved 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.