District I
20 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

Received by OCD: 4/5/2022 1:21:20 PM

State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

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

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

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

Type of action:
BGT1 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
ease be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the vironment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
. Operator: XTO Energy, Inc. OGRID #: 5380
Address: #382 County Road 3100, Aztec, NM 87410
Facility or well name: JICARILLA APACHE #8
API Number: <u>30-039-06280</u> OCD Permit Number:
J/L or Qtr/Qtr P_ Section 27 Township 26N Range 05W County: San Juan Rio Avribac
Center of Proposed Design: Latitude 36.45339 Longitude 107.34027 NAD: ☐1927 ☑ 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 Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D
Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of ntent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other
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 ntent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other
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Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other Below-grade tank: Subsection I 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 ntent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: 120 bbl Type of fluid: Produced Water
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 ntent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: 120 bbl Type of fluid: Produced Water
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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
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Type of Operation:
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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 Drying Pad Liner type: Thickness Mill LLDPE HDPE PVC Other Liner Seams: Welded Factory Other Seams: Subsection I of 19.15.17.11 NMAC Volume: 120

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. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.				
10.				
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accommendations of accommendations.	ptable source			
material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approfice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of				
Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drabove-grade tanks associated with a closed-loop system.				
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).	☐ Yes ⊠ No			
- 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. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)	☐ Yes ⊠ No☐ NA			
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No			
(Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	⊠ 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.	☐ Yes ⊠ No			
- 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	☐ Yes ⊠ No			
Within the area overlying a subsurface mine.	☐ Yes 🖾 1to			
- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division Within an unstable area.				
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 Form C-144 Oil Conservation Division Page 2 of	☐ Yes ⊠ 141 770			
Within a 100-year floodplain FEMA map	☐ Yes ☑ No			
4				
Form C-144 Oil Conservation Division Page 2 of	mag			
Form C-144 Oil Conservation Division Page 2 of	10)			
	Released to Imaging:			
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Temporary Pits, Emergency Pits, and Below-grade Tar Instructions: Each of the following items must be attach attached. ☐ Hydrogeologic Report (Below-grade Tanks) - based ☐ Hydrogeologic Data (Temporary and Emergency Pit ☐ Siting Criteria Compliance Demonstrations - based t ☐ Design Plan - based upon the appropriate requirement ☐ Operating and Maintenance Plan - based upon the ap ☐ Closure Plan (Please complete Boxes 14 through 18, and 19.15.17.13 NMAC ☐ Previously Approved Design (attach copy of design)	upon the requirements of Paragraph (4) of Subsections - based upon the requirements of Paragraph upon the appropriate requirements of 19.15.17. Into 19.15.17.11 NMAC oppropriate requirements of 19.15.17.12 NMAC, if applicable) - based upon the appropriate recurrence of 19.15.17.12 nmac.	pseck mark in the box, that the documents are esection B of 19.15.17.9 NMAC (2) of Subsection B of 19.15.17.9 NMAC 10 NMAC quirements of Subsection C of 19.15.17.9 NMAC
12.		
Closed-loop Systems Permit Application Attachment C Instructions: Each of the following items must be attach attached. ☐ Geologic and Hydrogeologic Data (only for on-site ☐ Siting Criteria Compliance Demonstrations (only for ☐ Design Plan - based upon the appropriate requirement ☐ Operating and Maintenance Plan - based upon the a ☐ Closure Plan (Please complete Boxes 14 through 18 and 19.15.17.13 NMAC	closure) - based upon the requirements of Para or on-site closure) - based upon the appropriate ents of 19.15.17.11 NMAC appropriate requirements of 19.15.17.12 NMAC by it applicable) - based upon the appropriate re	graph (3) of Subsection B of 19.15.17.9 requirements of 19.15.17.10 NMAC quirements of Subsection C of 19.15.17.9 NMAC
Previously Approved Design (attach copy of design)		
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 it	mplement waste removal for closure)	
13. Permanent Pits Permit Application Checklist: Subsect Instructions: Each of the following items must be attach attached. Hydrogeologic Report - based upon the requirement Siting Criteria Compliance Demonstrations - based Climatological Factors Assessment Certified Engineering Design Plans - based upon the Dike Protection and Structural Integrity Design - ba Leak Detection Design - based upon the appropriate Liner Specifications and Compatibility Assessment Quality Control/Quality Assurance Construction and Operating and Maintenance Plan - based upon the a Freeboard and Overtopping Prevention Plan - based Nuisance or Hazardous Odors, including H ₂ S, Preve Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements.	ts of Paragraph (1) of Subsection B of 19.15.17 upon the appropriate requirements of 19.15.17.11 NM. sed upon the appropriate requirements of 19.15.17.11 NM. requirements of 19.15.17.11 NMAC - based upon the appropriate requirements of 19.15 d Installation Plan ppropriate requirements of 19.15.17.12 NMAC upon the appropriate requirements of 19.15.17.12 NMAC requirements of 19.15.17.12 NMAC upon the appropriate requirements of 19.15.17.19 nmac upon the appropriate upon the	7.9 NMAC .10 NMAC AC 5.17.11 NMAC 9.15.17.11 NMAC C 7.11 NMAC
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes	es 14 through 18 in regards to the proposed c	losure nion
Type: Drilling Workover Emergency Cav.		-
☐ Alternative Proposed Closure Method: ☑ Waste Excavation and Rem ☐ Waste Removal (Closed-I) ☐ On-site Closure Method (☐ In-place Buria	noval	ns)
Waste Excavation and Removal Closure Plan Checklist Closure plan. Please indicate, by a check mark in the box □ Protocols and Procedures - based upon the appropriate Confirmation Sampling Plan (if applicable) - based □ Disposal Facility Name and Permit Number (for lique Soil Backfill and Cover Design Specifications - based □ Re-vegetation Plan - based upon the appropriate request □ Site Reclamation Plan - based upon the appropriate □ Form C-144	t, that the documents are attached. ate requirements of 19.15.17.13 NMAC upon the appropriate requirements of Subsection and drilling fluids and drill cuttings) and upon the appropriate requirements of Subsequirements of	501 2007 F of 19.15.17.13 NMAC ction H of 19.15.17.13 NMAC
Received by OO Form C-144	Oil Conservation Division	Released to Imag

Disposal Facility Name: Disposal Facility Permit Number:	
Disposal Facility Name: Disposal Facility Permit Number:	
Vill any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future servery Yes (If yes, please provide the information below) \(\subseteq \) 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 H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	c
iting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC isting 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 sour rovided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate disti- onsidered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justi lemonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	rict office or may
iround 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	Yes No
iround 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	☐ Yes ☐ No ☐ NA
round water is more than 100 feet below the bottom of the buried waste. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Vithin 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa ske (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Vithin 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	☐ Yes ☐ No
Vithin 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock vatering 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	Yes No
Vithin incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance dopted 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
Vithin 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Vithin the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Vithin an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Vithin a 100-year floodplain FEMA map	☐ Yes ☐ No
Den-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure play 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 19.15.17.13 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 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 G of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	15.17.11 NMAC
Form C-144 Oil Conservation Division Page 4 of	ſ5

I hereby certify that the information submitted with this application is true,		
	•	
Name (Print): Kim Champlin	Title:	Environmental Representative
Signature: Km Champlen	Date:	11/18/08
e-mail address: kim_champlin@xtoenergy.com	Telephone:	(505) 333-3100
OCD Approval: 😠 Permit Application (including closure plan) 🗌 Clos	ure Plan (only) OC	D Conditions (see attachment)
OCD Representative Signature: <u>Victoria Venegas</u>		Approval Date:
Title: Environmental Specialist	OCD Permit Nu	mber: BGT1
21. Closure Report (required within 60 days of closure completion): Subse Instructions: Operators are required to obtain an approved closure plan p The closure report is required to be submitted to the division within 60 day section of the form until an approved closure plan has been obtained and t	rior to implementing an is of the completion of th the closure activities hav	y closure activities and submitting the closure repo ee closure activities. Please do not complete this
22.		
Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ A ☐ If different from approved plan, please explain.	lternative Closure Metho	d Waste Removal (Closed-loop systems only)
3. Closure Report Regarding Waste Removal Closure For Closed-loop Sys Instructions: Please indentify the facility or facilities for where the liquids wo facilities were utilized.	stems That Utilize Abov s, drilling fluids and drill	e Ground Steel Tanks or Haul-off Bins Only: I cuttings were disposed. Use attachment if more to
Disposal Facility Name:		Permit Number:
Disposal Facility Name:		Permit Number:
Were the closed-loop system operations and associated activities performed Yes (If yes, please demonstrate compliance to the items below)		of be used for future service and operations?
Required for impacted areas which will not be used for future service and op Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	perations:	
Closure Report Attachment Checklist: Instructions: Each of the follows 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)	ing items must be attach	ed to the closure report. Please indicate, by a chec
 □ Waste Material Sampling Analytical Results (required for on-site clos □ Disposal Facility Name and Permit Number □ Soil Backfilling and Cover Installation □ Re-vegetation Application Rates and Seeding Technique □ Site Reclamation (Photo Documentation) 	ongitude	NAD: □1927 □ 1983
□ Waste Material Sampling Analytical Results (required for on-site closs □ 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 L 5.	,	NAD: □1927 □ 1983
Waste Material Sampling Analytical Results (required for on-site closed 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 Less. Departor Closure Certification: hereby certify that the information and attachments submitted with this closed belief. I also certify that the closure complies with all applicable closure required.	ongitudesure report is true, accura	ate and complete to the best of my knowledge and specified in the approved closure plan.
Waste Material Sampling Analytical Results (required for on-site closed 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 L 5. Departor Closure Certification: hereby certify that the information and attachments submitted with this closed elief. I also certify that the closure complies with all applicable closure requirements:	ongitudesure report is true, accurative uirements and conditions	ite and complete to the best of my knowledge and
Waste Material Sampling Analytical Results (required for on-site closed 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 L. 5. Departor Closure Certification: hereby certify that the information and attachments submitted with this closed elief. I also certify that the closure complies with all applicable closure requirements:	ongitudesure report is true, accurative uirements and conditions	ate and complete to the best of my knowledge and specified in the approved closure plan.
□ Waste Material Sampling Analytical Results (required for on-site closs □ 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 □ L s. Description: hereby certify that the information and attachments submitted with this closelief. I also certify that the closure complies with all applicable closure requame (Print): □ Signature: □ Signature: □ Signature: □ Signature: □ Signature: □ Signature: □ Soil Backfilling and Cover Installation Cover Installation	ongitude sure report is true, accura uirements and conditions Title:	ate and complete to the best of my knowledge and specified in the approved closure plan.
□ Waste Material Sampling Analytical Results (required for on-site closs □ 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 □ L s. Description: hereby certify that the information and attachments submitted with this closelief. I also certify that the closure complies with all applicable closure requame (Print): □ Signature: □ Signature: □ Signature: □ Signature: □ Signature: □ Signature: □ Soil Backfilling and Cover Installation Cover Installation	ongitude sure report is true, accura uirements and conditions Title:	ate and complete to the best of my knowledge and s specified in the approved closure plan.
Waste Material Sampling Analytical Results (required for on-site closed 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 Les. Departure Closure Certification: Chereby certify that the information and attachments submitted with this closed belief. I also certify that the closure complies with all applicable closure required Name (Print): Signature: Signature:	ongitude sure report is true, accura uirements and conditions Title:	ate and complete to the best of my knowledge and s specified in the approved closure plan.
Waste Material Sampling Analytical Results (required for on-site closed 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 Les. Departure Closure Certification: Chereby certify that the information and attachments submitted with this closed belief. I also certify that the closure complies with all applicable closure required Name (Print): Signature: Signature:	ongitude sure report is true, accura uirements and conditions Title: Date: Telephone: _	ate and complete to the best of my knowledge and a specified in the approved closure plan.

Received by OCD: 4/5/2022 1:21:20 PM

PO Box 1988, Bobbs, NM 82241-1988 PO Drawer DD, Artena, NM 88211-0719 1000 Rio Brazzo Rd., Azzet, NM 87410 District IV

State of New Mexico

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088
Submit to Appropriate District Offic
State Lease - 4 Copic
Fee Lease - 3 Copic

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Form C-10 Revised February 10, 199 Instructions on bac

AMENDED REPOR

PO Box 2008. Sa.	ata Fe, NM	87504-20 88									ENDED REPOR
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30-039	-06280			72319			Blanco Me	esa Verde			
* Property	Property Code				, Li	operty i	Name				* Wall Number
641	4	Jicarilla Apach									8
OGRID	No.				' Op	erator .	Neme				* Elevation
01402	1	Mara	athon O	il Com	pany					GL:	6,660'
					10 Sur	face	Location			-	
UL or ict no.	Section	Township	Range	Lot ida	Feet from	the	North/South line	Fest from the	East/We	t line	County
P	27	26-N	5-W		990'		South	990'	Ea	st	Rio Arriba
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UL or lot se.	Section	Township	Range	Lot Ida	Feet from	the	North/South Sac	Fost from the	East/We	معت ب	County
P	27	26-N	5-W		9901	- 1	South	990'	Ea	st	Rio Arriba
II Dedicated Ac	re la Joint	or infili	Complidati	na Code	Order No.					<u>:</u>	
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0[L CON. dist. 3 18SURVEYOR CERTIFICATION was plotted from field notes of actual surveys m me or under my supervision, and that the so and correct to the best of my belief. 16851 Released to Imaging: 7/22/2022 10:37:11 Date of Survey Signature and Scal of Professional Surveyor: #8 990! 1685 9901 Certificate Number

Lodestar Services, Inc. Po Box 4465, Durango, CO 81302		Pit Permit Siting Criteria		Client: Project: Revised:	Pit Permits
10 bol 4403, Durango	, 00 01302	Information Sheet		Prepared by:	
API#:		3003906280		USPLSS:	T26N,R5W,27P
Name:	JICA	RILLA APACHIE #8		Lat/Long:	36.45339 / -107.34027
Depth to groundwater:		>100'		Geologic formation:	Con loss Commatina
Distance to closest continuously flowing watercourse:	31.7 mile	es north west to the San Juan River			
Distance to closest significant watercourse, lakebed, playa lake, or sinkhole:	1,100' 1	north of Tapicito Creek			
				Soil Type:	Entisols
Permanent residence, school, hospital, institution or church within 300'		No			
				Annual Precipitation:	
Domestic fresh water well or spring within 500'		No		Precipitation Notes:	i / 'I'' iarnest naliv raintali on record i
Any other fresh water well or spring within 1000'		No			
Within incorporated				Attachad	
municipal boundaries		No	H	Attached Documents:	
Within defined municipal fresh water well field		No	Ė		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	l No-L	EMA data available			
Additional Notes:					

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Jicarilla Apachie #8 Below Grade Tank Hydrogeologic Report for Siting Criteria

General Geology and Hydrology

The San Juan Basin is a typical Rocky Mountain basin with a gently dipping southern flank and a steeply dipping northern flank. Asymmetrically layered Tertiary sandstones and shales, along with Quaternary alluvial deposits, dominate surficial geology (Dane and Bachman, 1965). The proposed pit location will be located in the San Juan Basin on the Jicarilla Apachie Indian Reservation Near Tapicito Creek. The predominant geologic formation is the San Jose Formation of Tertiary age, which underlies surface soils and is often exposed (Dane and Bachman, 1965). Deposits of Quaternary alluvial and aeolian sands occur prominently near the surface of the area, especially near streams and washes.

Cretaceous and Tertiary sandstones, as well as Quaternary alluvial deposits serve as the primary aquifers in the San Juan basin (Stone et al., 1983). In most of the proposed area, the San Jose Formation lies at the surface and overlies the Nacimiento Formation. Thickness of the San Jose ranges from 200 to 2700 feet, thickening from west to east across the region of interest (Stone et al., 1983). Aquifers within the coarser and continuous sandstone bodies of the San Jose Formation are between 0 and 2700' deep in this section of the basin (Stone et al., 1983). Groundwater within these aguifers flows north, toward the San Juan River. Little specific hydrogeologic data is available for the San Jose Formation system, but "numerous well and springs used for stock and domestic supplies" draw their water from the San Jose Formation (Stone et al. 1983). The prominent soil type at the proposed site are rock lands and aridisols, which are defined as soils that exhibit little to no any profile development (www.emnrd.state.nm.us). Soils are basically unaltered from their parent rock. Miles of arroyos, washes and intermittent streams exist as part of the drainage network towards the San Juan River. These features often cut into soil and other unconsolidated materials, contributing to sedimentation downstream. The sudden influx of water from storm events easily erodes the soils that cover the area and prohibits effective recharge to the underlying aquifers.

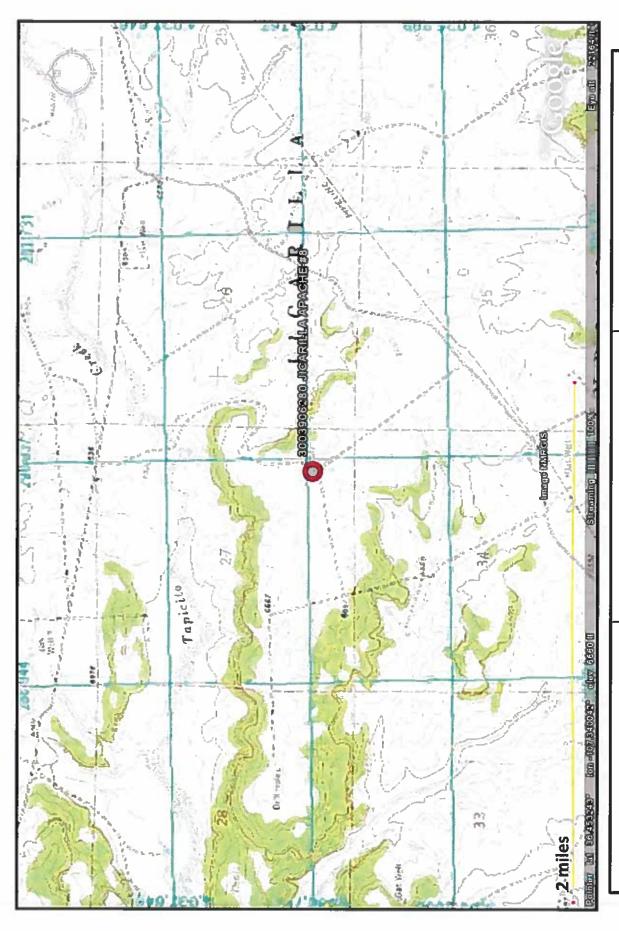
Dry and arid weather further prohibit active recharge. The climate of the region is arid, averaging just over 12 inches of rainfall annually. As is typical of the southwestern United States monsoonal weather patterns, most precipitation falls from August through October. The heaviest rainfall occurs in the summer in isolated, intense cloudbursts. November through June is relatively dry. Snow generally falls from December to mid-February and averages less than one half inch in depth. However, most recharge occurs during the winter months during snowmelt periods from the upper elevations (Western Regional Climate Center www.wrcc.dri.edu). The predominant vegetation is sagebrush and grasses with a more restricted pinon-juniper association (Dick-Peddie, 1993).

Site Specific Hydrogeology

Depth to groundwater is estimated to be greater than 100 feet. This estimation is based on data from Stone and others (1983), the USGS Groundwater Atlas of the United States and depth to groundwater data published on the New Mexico State Engineer's iWaters Database website. Local topography and proximity to surface hydrologic features are also taken into consideration.

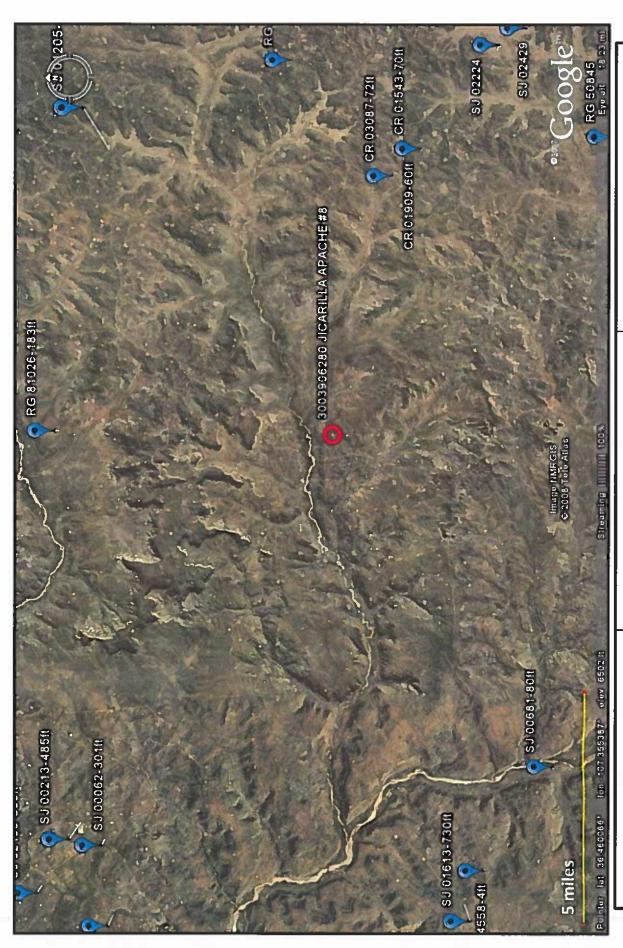
Beds of water-yielding sandstone are present in the San Jose Formation, which are fluvial in origin and are interbedded with mudstone, siltstone, and shale. "Extensive intertonguing" of different members of this formation is reported. (Stone et al, 1983). Porous sandstones form the principal aquifers, while relatively impermeable shales and mudstones form confining units between the aquifers (Stone et al., 1983). Local aquifers exist within the San Jose Formation at depths greater than 100 feet and thicknesses of the aquifer can be up to several hundred feet (USGS, Groundwater Atlas of the US) (Stone et al, 1983). The site in question is located on top of a large mesa at an elevation of 6650 feet. This region is deeply incised by canyons, washes, gullies and arroyos, with Tacipito Creek being the predominant topographic feature. The mesas are composed of cliff-forming sandstone, and systems of dry washes and their tributaries composed of alluvium are evident on the attached aerial image. Groundwater is expected to be shallow within Tapicito Creek and within the surrounding tributary systems. An elevation difference between the site and the base of Tapicito Creek of approximately 150 suggests groundwater at the proposed site is considerably deeper.

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. Water drops show locations of wells and the labels for each water drop indicate depth to groundwater in feet. The nearest water well is approximately five and half miles southeast, and is not representative of the site in question. The observations made within this report suggest that groundwater is greater than 100 feet deep at the proposed location. #



JICARILLA APACHE #8 RIO ARRIBA, NM T26N,R5W,27P Lodestar Services, Inc Durango, CO 81302 PO Box 4465

TOPOGRAPHIC MAP



Lodestar Services, Inc PO Box 4465 Durango, CO 81302

JICARILLA APACHE #8 T26N,R5W,27P RIO ARRIBA, NM

i-Waters Ground Water Data Map

New Mexico Office of the State Engineer POD Reports and Downloads

/2008
10/01
REPORT
WATER
OF
DEPTH
AVERAGE

	Feet)	Avg	135
	Water in	Min Max	135
2 0	(Depth	Min	135
0/07/200		Y Wells	e-I
REPORT 1		¥	
WATER		×	
AVERAGE DEPTH OF WATER REPORT 10/07/2008		Zone	
H U		Sec	9
AVERA		Rng Sec	0.4W
		Tws	25N
		Bsn	RG

New Mexico Office of the State Engineer POD Reports and Downloads

	Feet)	Avg	200	80
	Water in		500	
8((Depth	Min	500	80
09/30/2008		Wells	П	H
REPORT		¥		
WATER		×		
DEPTH OF WATER		Zone		
IGE		Sec	03	2
AVERAGE		Rng	OEW	OEW
		Tws	25N	25N
		Bsn	ھ ت	ه در

New Mexico Office of the State Engineer POD Reports and Downloads

89
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REPORT
WATER
OF
DEPTH
AVERAGE

Feet)	Avg	750
Water in	Max	750
	Min	750
	Wells	Ħ
	X	
	×	
	Zone	
	Sec	34
	Rng	048
	Tws	27N
	Bsn	33

New Mexico Office of the State Engineer POD Reports and Downloads

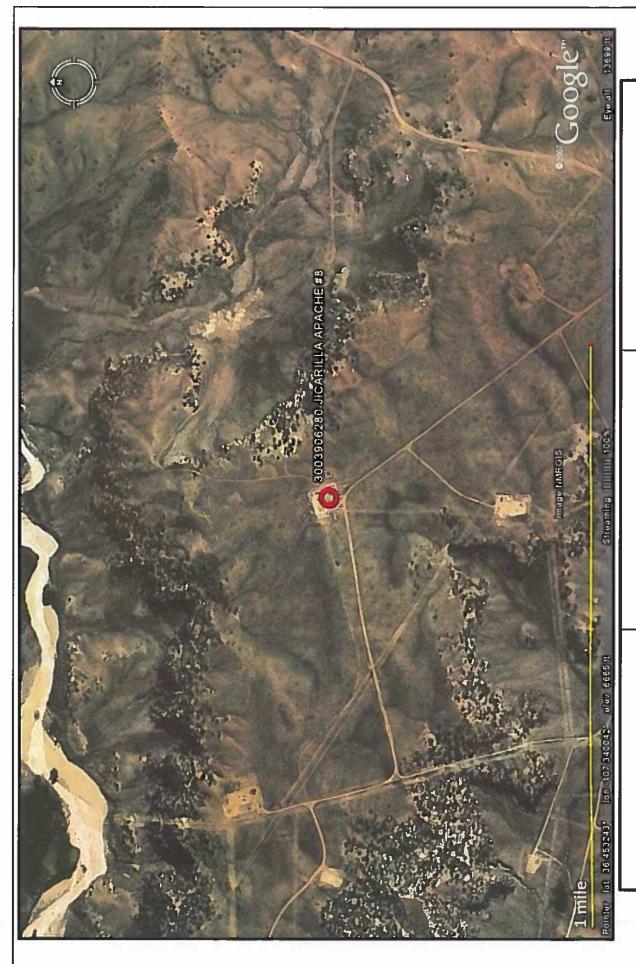
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	1
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10/04/2008	-
REPORT	
WATER	
OF	
DEPTH	
AVERAGE	

Feet)	Avg	186	260
Water in	Max	186	260
(Depth	Min	186	260
	Wells	H	H
	¥		
	×		
	Zone		
	Sec	27	0.4
	Rng	058	05W 04
			27N
	Bsn	RG	8 G

Record Count: 2

New Mexico Office of the State Engineer POD Reports and Downloads

	Feet)	Avg	41	300	362
	Water in	Max	10	300	485
80	(Depth	Min	41	300	301
09/30/2008		Wells		irel	ო
REPORT		¥			
WATER		×			
DEPTH OF		Zone			
		Sea	0.7	30	61 (M)
AVERAGE		Rng	0 6W	UEW	0.6W
		TWS	27N	STN	27N
		Bsn	s Cl	თ ე	SG



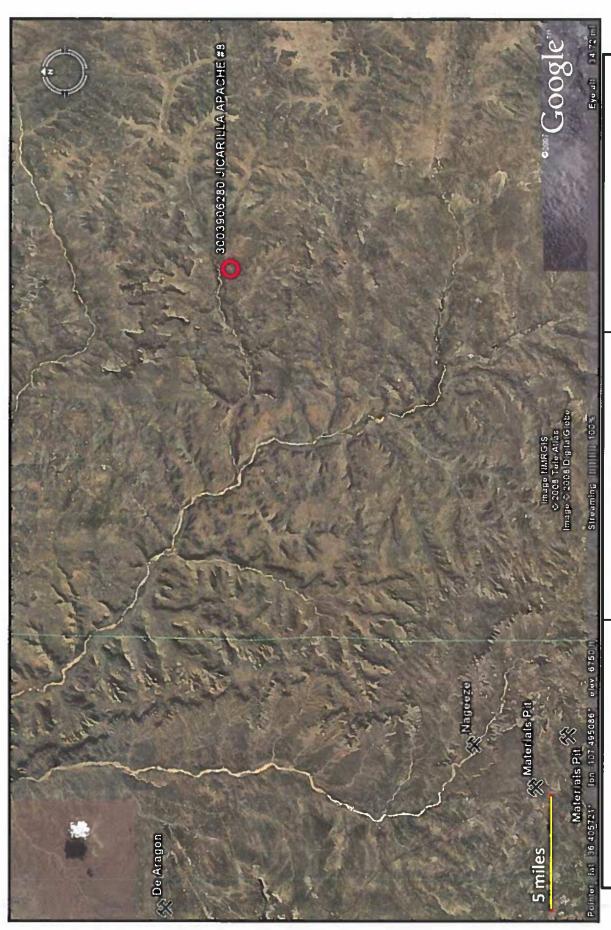
JICARILLA APACHE #8 T26N,R5W,27P RIO ARRIBA, NM

Lodestar Services, Inc

PO Box 4465

Durango, CO 81302

AERIAL PHOTOGRAPH



JICARILLA APACHE #8 T26N,R5W,27P RIO ARRIBA, NM

Lodestar Services, Inc

Durango, CO 81302

PO Box 4465

Mines and Quarries Map

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

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

General Plan

- XTO will design and construct below-grade tanks to contain liquids and solids and prevent contamination of fresh water and protect public health and environment.
- XTO will post a well sign, in compliance with 19.15.3.103 NMAC, on the existing well site
 operated by XTO where the existing below-grade tank is located. The sign will list the Operator
 on record as the operator, the location of the well site by unit letter, section, township, range, and
 emergency telephone numbers.
- 3. XTO is requesting approval of an alternative fencing to be used on below-grade tank locations. Below-grade tank locations will be fenced utilizing 48" steel mesh field-fence (hogwire) with pipe railing along the top. A 6' chain link fence will be utilized around the well pad if the well site is within a city limits or ¼ mile of a permanent residence, school, hospital, institution or church. Below-grade tanks located within 1000' of a permanent residence, school, hospital, institution or church will be fenced by 6' chain link fence with at least two strands of barbed wire at the top. All gates associated with below-grade tanks will remain closed and locked when responsible individuals are not on site.
- 4. XTO shall construct below-grade tanks with an expanded metal covering or solid vaulted top on the top of the below-grade tank.
- 5. XTO will ensure that below-grade tanks are constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight. Tanks will be constructed of A36 carbon steel with 3/16" sides and ¼" bottom. (See attached drawing).
- 6. The below-grade tank system will have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom. Sand bedding (4") will be placed on top of a level foundation to ensure prevention of punctures, cracks or indentations of the liner or tank bottom.
- 7. XTO will construct a berm and/or diversion ditch in a manner that prevents the collection of surface water run-on. Below-grade tanks will be equipped with automatic high level shut-off devices as well as manually operated shut-off valves. (See attached drawing).
- 8. XTO will construct and use below-grade tanks that do not have double walls. The below-grade tank sidewalls will be open for visual inspection for leaks. The sidewalls of the cellar will be constructed with 2" X 12" pine sidewalls and 4" X 4" pine brace posts. The below-grade tank

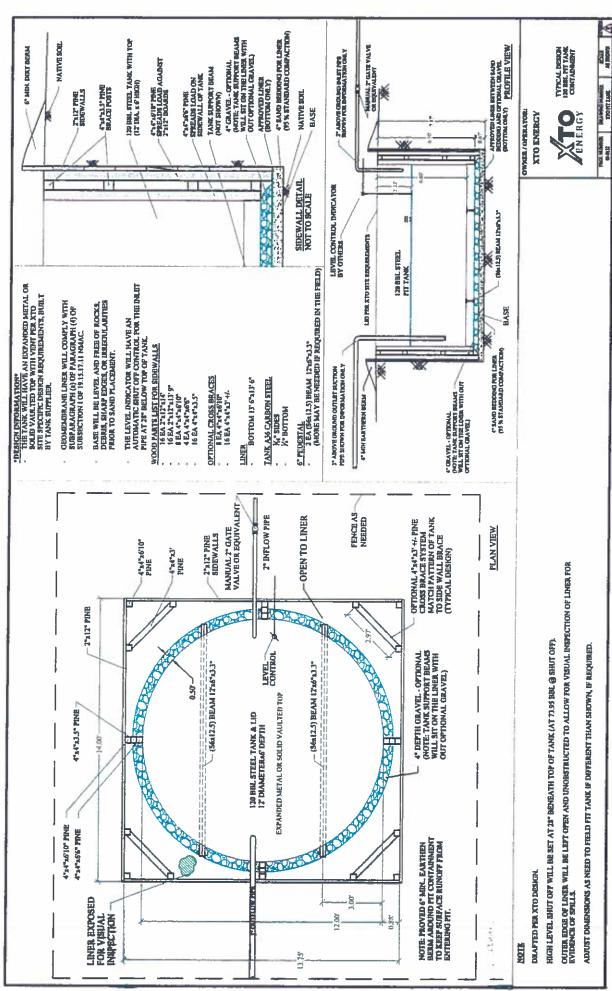
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XTO Energy Inc. San Juan Basin (Northwest New Mexico) General Design and Construction Plan For Below-Grade Tanks Page 2

> bottom will be elevated a minimum of 6" above the underlying ground surface and the belowgrade tank will be underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected. (See attached drawing).

- 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 acidies 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.

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

In accordance with Rule 19.15.17.12 NMAC the following information describes the operation and maintenance of below-grade tanks on XTO Energy Inc. (XTO) locations. This is XTO's standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

General Plan

- 1. XTO will operate and maintain below-grade tanks to contain liquids and solids, maintain the integrity of the liner and secondary containment system, prevent contamination of fresh water and protect public health and the environment. Fluid levels will be monitored weekly and high levels will be removed as necessary. Monthly inspections will be conducted to monitor integrity of below-grade tank systems and below-grade tanks will be equipped with automatic high-level shut-off devices.
- 2. XTO will not allow below-grade tanks to overflow and will use berms and/or diversion ditch to prevent surface run on to enter the below-grade tank. Below-grade tanks will be equipped with automatic high-level shut-off control devices as well as manually operated shut-off valves. See attached drawing for vault design and placement of diversion berms and shut-off devices.
- 3. XTO will continuously remove any visible or measurable layer of oil from the fluid surface of below-grade tanks in order to prevent significant accumulation of oil.
 - 4. XTO will inspect the below-grade tank monthly and maintain written records for five years. Monthly inspections will consist of documenting the following: (see attached template),

Well Name
API #
Sec., Twn., Rng.
XTO Inspector's name
Inspection date and time
Visible tears in liner
Visible signs of tank overflow
Collection of surface run on
Visible layer of oil
Visible signs of tank leak
Estimated freeboard

- 5. XTO will maintain adequate freeboard to prevent over topping of the below-grade tank. High level shut-off devices control the freeboard at an average of 28" beneath the top of the tank.
- 6. XTO will not discharge into or store any hazardous waste in any below-grade tank.
- If a below-grade tank develops a leak, or if any penetration of a below-grade tank occurs below the liquids surface, XTO will remove all liquids above the damage or leak line within 48 hours,

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

notify the appropriate division district office within 48 hours of the discovery and repair the damage or replace the below-grade tank. If an existing below-grade tank does not meet current requirements of Paragraphs 1-4 of Subsection I of 19.15.17.11 NMAC the tank will be modified or retrofitted to comply. If compliance can not be achieved XTO will implement the approved closure plan.

		MONT	1LY BELO	MONTHLY BELOW GRADE TANK INSPECTION FORM	INSPECTIC	N FORM		
Well Name:	9				API No.:			
Legals	Sec:		Township:		Range:		700	
XTO Inspector's	Inspection	Inspection	Any visible liner	Anv visible signs of	Collection of surface	Visible laver	Anv visible signs	Freehoard
Name	Date	_	tears (Y/N)	tank overflows (Y/N)	run on (Y/N)	of oil (Y/N)	of a tank leak (Y/N)	Est. (ft)
*								
						21		
:								
			29					
Notes:	Provide De	Provide Detailed Description:	otion:					
Misc:								
**								

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

analyzed for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. XTO will notify the division of its results on form C-141.

- 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:
 - i. Operator's name
 - ii. Well Name and API Number
 - iii. Location by Unit Letter, Section, Township, and Range

The surface owner shall also be notified prior to the implementation of any closure operations of below-grade tanks as per the approved closure plan using certified mail, return receipt requested.

- 11. Re-contouring of location will match fit, shape, line, form and texture of the surrounding area.

 Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 12. A minimum of 4 feet of cover shall be achieved and the cover shall include 1 foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. Soil cover will be constructed to the site's existing grade and ponding of water and erosion of the cover material will be prevented with drainage control, natural drainages and silt traps where needed.
- 13. XTO will seed the disturbed areas the first growing season after the operator closes the pit.

 Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will be used on federal lands.

 Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

XTO Energy Inc.
San Juan Basin (Northwest New Mexico)
General Closure Plan
For Below-Grade Tanks
Page 3

- 14. All closure activities will include proper documentation and be available for review upon request and will be submitted in closure report form to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on form C-144 and incorporate the following:
 - i. Proof of closure notice to division and surface owner;
 - ii. Details on capping and covering, where applicable;
 - iii. Inspection reports;
 - iv. Confirmation sampling analytical results;
 - v. Disposal facility name(s) and permit number(s);
 - vi. Soil backfilling and cover installation;
 - vii. Re-vegetation application rates and seeding techniques, (or approved alternative to re-vegetation requirements if applicable);

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viii. Photo documentation of the site reclamation.

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

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 96110

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96110
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

QUESTIONS

Facility and Ground Water		
lease answer as many of these questions as possible in this group. More information will help us identify the appropriate associations in the system.		
Facility or Site Name	JICARILLA APACHE 8	
Facility ID (f#), if known	Not answered.	
Facility Type	Below Grade Tank - (BGT)	
Well Name, include well number	JICARILLA APACHE 8	
Well API, if associated with a well	30-039-06280	
Pit / Tank Type	Not answered.	
Pit / Tank Name or Identifier	Not answered.	
Pit / Tank Opened Date, if known	Not answered.	
Pit / Tank Dimensions, Length (ft)	Not answered.	
Pit / Tank Dimensions, Width or Diameter (ft)	Not answered.	
Pit / Tank Dimensions, Depth (ft)	Not answered.	
Ground Water Depth (ft)	Not answered.	
Ground Water Impact	No	
Ground Water Quality (TDS)	Not answered.	

Below-Grade Tank	
Subsection I of 19.15.17.11 NMAC	
Volume / Capacity (bbls)	120
Type of Fluid	Produced Water
Pit / Tank Construction Material	Steel
Secondary containment with leak detection	Not answered.
Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	Not answered.
Visible sidewalls and liner	Not answered.
Visible sidewalls only	Not answered.
Tank installed prior to June 18. 2008	True
Other, Visible Notation. Please specify	Not answered.
Liner Thickness (mil)	Not answered.
HDPE (Liner Type)	Not answered.
PVC (Liner Type)	Not answered.
Other, Liner Type. Please specify (Variance Required)	Not answered.

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

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 96110

QUESTI	ONS (continued)
Operator: HILCORP ENERGY COMPANY	OGRID: 372171
1111 Travis Street Houston, TX 77002	Action Number: 96110
	Action Type: [C-144] Legacy Below Grade Tank Plan (C-144LB)
QUESTIONS	
Fencing	
Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tank	rs)
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)	Not answered.
Four foot height, four strands of barbed wire evenly spaced between one and four feet	Not answered.
Alternate, Fencing. Please specify (Variance Required)	4' steel mesh

Netting		
Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)		
Screen	Not answered.	
Netting	Not answered.	
Other, Netting. Please specify (Variance May Be Needed)	expanded metal or solid vaulted top	

Signs	
Subsection C of 19.15.17.11 NMAC (If there are multiple operators at a site, each operator must have	e their own sign in compliance with Subsection C of 19.15.17.11 NMAC.)
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	Not answered.
Signed in compliance with 19.15.16.8 NMAC	True

Variances and Exceptions	
Justifications and/or demonstrations ofequivalency are required. Please refer to 19.15.17 NMAC for g Please check a box if one or more of the following is requested, if not leave blank:	quidance.
Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.	Not answered.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	Not answered.

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

QUESTIONS, Page 3

Action	96110

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	a Fe, NM 87505	
	IONS (continued)	
Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID:	
QUESTIONS	[,	
Siting Criteria (regarding permitting) 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below. Siting criteria does not apply to drying pads or above-grade tanks.	a below in the application. Recommendations of acceptable source material are provided	
Siting Criteria, General Siting		
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank	No	
NM Office of the State Engineer - iWATERS database search	True	
USGS	Not answered.	
Data obtained from nearby wells	Not answered.	
Siting Criteria, Below Grade Tanks		
Within 100 feet of a continuously flowing watercourse, significant watercourse, lakebed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark)	No	
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption	No	
Proposed Closure Method		
Below-grade Tank	Below Grade Tank - (BGT)	
Waste Excavation and Removal	Not answered.	
Alternate Closure Method. Please specify (Variance Required)	Not answered.	
Alternate Closure Method. Please specify (Variance Required)	Not answered.	

11/18/2008

Operator Application Certification Registered / Signature Date

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 96110

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96110
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

ACKNOWLEDGMENTS

V	I acknowledge that I have received prior approval from the OCD to submit documentation of a legacy below-grade tank on behalf of my operator.
V	I hereby certify that the information submitted with this documentation is true, accurate and complete to the best of my knowledge and belief.

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CONDITIONS

Action 96110

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	96110
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

CONDITIONS

Created I	y Condition	Condition Date
vveneg	as None	7/22/2022