District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-14-July 21, 200

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 Pe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

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

	Proposed Alternative Method Permit or Closure Plan Application		
	Type of action:  Existing BGT  Legacy BGT1  Permit 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	n,	
	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 reque		
	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 environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority's rules, regulations or of the comply with any other applicable governmental authority with a property of the comply with any other applicable governmental authority with a property of the comply with a property of the comply with a property of the complex of th	the ordinance	
	1.		
	Operator: XTO Energy, Inc. OGRID #: 5380		
	Address: #382 County Road 3100, Aztec, NM 87410	<del></del>	
	Facility or well name:BELL JF #2E		
	API Number:		
	U/L or Qtr/Qtr P Section 03S Township 30N Range 13W County: San Juan		
	Center of Proposed Design: Latitude 36.8373 Longitude 108.1868 NAD: ☐1927 ☐ 1983		
	Surface Owner: ☑ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment		
i	2.		
	Pit: Subsection F or G of 19.15.17.11 NMAC		
	Temporary: Drilling Workover		
	☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A		
	☐ Lined ☐ Unlined Liner type: Thicknessmil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other		
	☐ String-Reinforced		
	Liner Seams:  Welded Factory Other Volume: bbl Dimensions: L x W x D		
Ī	3.		
	3.  Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or no		
	3.  Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or no intent)		
	3.  □ Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: □ P&A □ Drilling a new well □ Workover or Drilling (Applies to activities which require prior approval of a permit or no intent) □ Drying Pad □ Above Ground Steel Tanks □ Haul-off Bins □ Other	otice of	
	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 no intent)  Drying Pad Above Ground Steel Tanks Haul-off Bins Other  Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other	otice of	
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-31 AW	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 no 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 □ Other □ Welded □ Factory □ Other □ Seams: □ Welded □ Factory □ Other □ Other □ Seams: □ Welded □ Factory □ Other	otice of	
29-21 AM	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 not intent)   Drying Pad Above Ground Steel Tanks Haul-off Bins Other   Drying Pad Unlined Liner type: Thickness   mil LLDPE HDPE PVC Other	otice of	
33 9-39-31 436	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 not 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	otice of	
2003 8-38-31 AM	Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation:	otice of	
1430/3033 8-38-31 /W	Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation:	otice of	
D: 7/20/2022 9:29:21 AM	Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation:	otice of	
OCD: 7/20/2022 8-28-21 AM	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 no 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   Other	otice of M477/2022 1:21:17 PM	
- 4	Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation:	otice of M477/2022 1:21:17 PM	
- 4	Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation:	oroval.	
Rocained by OCB 7/30/2023 38 31 4M	Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation:	otice of M477/2022 1:21:17 PM	

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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,	hospital,
institution or church)  Four foot height, four strands of barbed wire evenly spaced between one and four feet	
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 accep	otable source
material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approoffice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a	priate district
Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry	ing pads or
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.	☐ Yes ⊠ No
- 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).	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
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applies to permanent pits)	NA NA
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	163 🖂 👯
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.	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 ☒ №
Within the area overlying a subsurface mine.	☐ Yes ☑ N
- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	7.7.2
Within an unstable area Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	Yes 🛛 Ng
Society; Topographic map	2/1/8
Within a 100-year floodplain.  - FEMA map	Released to Imaging 88
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Form C-144 Oil Conservation Division Page 2 of 2	to I
Form C-144 Oil Conservation Division Page 2 of :	asea
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11.  Temporary Pits, Emergency Pits, and Below-grade T  Instructions: Each of the following items must be attacked.  ☐ Hydrogeologic Report (Below-grade Tanks) - base ☐ Hydrogeologic Data (Temporary and Emergency F ☐ Siting Criteria Compliance Demonstrations - based ☐ Design Plan - based upon the appropriate requirem ☐ Operating and Maintenance Plan - based upon the ☐ Closure Plan (Please complete Boxes 14 through 1 and 19.15.17.13 NMAC	ched to the application. Please indicate, by a december of upon the requirements of Paragraph (4) of Solits) - based upon the requirements of Paragraph upon the appropriate requirements of 19.15.17 ients of 19.15.17.11 NMAC appropriate requirements of 19.15.17.12 NMA 8, if applicable) - based upon the appropriate requirements of 19.15.17.12 NMA 19.15.17.12 NMA 19.15.17.15 NMA 19.15.17 NMA 19.15 NMA	check mark in the box, that the documents are ubsection B of 19.15.17.9 NMAC th (2) of Subsection B of 19.15.17.9 NMAC 7.10 NMAC  C equirements of Subsection C of 19.15.17.9 NMAC
Previously Approved Design (attach copy of design)	API Number:	or Permit Number:
Closed-loop Systems Permit Application Attachment Instructions: Each of the following items must be attace attached.  Geologic and Hydrogeologic Data (only for on-sit Siting Criteria Compliance Demonstrations (only Design Plan - based upon the appropriate requiren Operating and Maintenance Plan - based upon the Closure Plan (Please complete Boxes 14 through and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) Previously Approved Operating and Maintenance Plan above ground steel tanks or haul-off bins and propose to	e closure) - based upon the requirements of Parfor on-site closure) - based upon the appropriatements of 19.15.17.11 NMAC appropriate requirements of 19.15.17.12 NMA  18, if applicable) - based upon the appropriate remains app	ragraph (3) of Subsection B of 19.15.17.9 the requirements of 19.15.17.10 NMAC aC requirements of Subsection C of 19.15.17.9 NMAC
Permanent Pits Permit Application Checklist: Subse Instructions: Each of the following items must be attact attached.  Hydrogeologic Report - based upon the requireme Siting Criteria Compliance Demonstrations - based Climatological Factors Assessment Certified Engineering Design Plans - based upon to Dike Protection and Structural Integrity Design - Leak Detection Design - based upon the appropria Liner Specifications and Compatibility Assessment Quality Control/Quality Assurance Construction a Operating and Maintenance Plan - based upon the Freeboard and Overtopping Prevention Plan - based Nuisance or Hazardous Odors, including H <sub>2</sub> S, Present Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirer	thed to the application. Please indicate, by a counts of Paragraph (1) of Subsection B of 19.15.1 d upon the appropriate requirements of 19.15.17.11 NM assed upon the appropriate requirements of 19. te requirements of 19.15.17.11 NMAC at - based upon the appropriate requirements of 19.15.17.11 NMAC at Installation Plan appropriate requirements of 19.15.17.12 NMA and upon the appropriate requirements of 19.15.17.19 NMA and upon the appropriate requirements of 19.15.17.19 NMA and upon the appropriate requirements of 19.15.19 NMA and upon the appropriate requirements of	17.9 NMAC 7.10 NMAC MAC 15.17.11 NMAC 19.15.17.11 NMAC C 17.11 NMAC
☐ In-place Buri	vitation P&A Permanent Pit Belo	ow-grade Tank
Waste Excavation and Removal Closure Plan Checklic Closure plan. Please indicate, by a check mark in the bear indicate, by a check mark in the be	st: (19.15.17.13 NMAC) Instructions: Each ox, that the documents are attached. riate requirements of 19.15.17.13 NMAC dipon the appropriate requirements of Subsect quids, drilling fluids and drill cuttings) sed upon the appropriate requirements of Subsequirements of Subsequirements of Subsection I of 19.15.17.13 NM	of the following items must be attached to the ion F of 19.15.17.13 NMAC ection H of 19.15.17.13 NMAC
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16,	
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if materials are required.	NMAC) nore than two
Disposal Facility Name: Disposal Facility Permit Number:	
Disposal Facility Name: Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future serving. Yes (If yes, please provide the information below) No	ice and operation
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	
7. 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 provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate districtions of acceptable source considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justificial formulations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	ict office or may
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	Yes No
Ground water is between 50 and 100 feet below the bottom of the buried waste  NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa ake (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
Dn-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan 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 19.15.17.13 NMAC  Protocols and Procedures - 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 I of 19.15.17.13 NMAC  Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	5.17.11 NMAC
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Disparation Application Certification:   Ihereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.			
Interby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.    Name (Print):			
Name (Print): Kim Champlin			Operator Application Certification:
Signature:	dge and belief.	e, accurate and complete to the best of my knowle	
c-mail address: _kim_champlin@atoencrev.com	presentative	Title: Environmental Re	
OCD Appreval:   Permit Application (including closure plan)   Closure Plan (only)   OCD Conditions (see attachment) OCD Representative Signature:   Shelley Welle			Signature: <u>hum (hamplen</u>
OCD Approval:   Permit Application (including closure plan   closure Plan (only)   OCD Conditions (see attachment) OCD Representative Signature:   Shelley   Wello   Approval Date:   08/17/2022   Title:   Environmental Specialist-A   OCD Permit Number:   Legacy BGT   Title:   Environmental Specialist-A   OCD Permit Number:   Legacy BGT   Title:   Environmental Specialist-A   OCD Permit Number:   Legacy BGT   The closure report is required to obtain an approved closure plan pior to implementing any closure activities and submitting the closure for the closure archivities. Please do not complete section of the form until an approved closure plan has been obtained and the closure activities have been completed.    Closure Method:   Closure Completion Date:		Telephone: (505) 333-3100	e-mail address: kim_champlin@xtoenergy.com
Title: _Environmental Specialist-A	:hment)	osure Plan (only) OCD Conditions (see attac	OCD Approval:  Permit Application (including closure
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 plan prior to implementing any closure activities and civities. Please do not complete section of the form until an opproved closure plan has been obtained and the closure activities where been completed.    Closure Method:	:_08/17/2022	Approval Date	OCD Representative Signature: <u>Shelly Wells</u>
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC   Instructions: Operators are required to behalm an approved closure plan pinot to implementing any closure activities and submitting 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 section of the form until an approved closure plan has been obtained and the closure activities have been completed.    Closure Completion Date:	1	OCD Permit Number: Legacy BGT	Title:Environmental Specialist-A
Closure Method:   Waste Excavation and Removal   On-Site Closure Method   Alternative Closure Method   Waste Removal (Closed-loop system)   Waste Excavation and Removal   On-Site Closure Method   Alternative Closure Method   Waste Removal (Closed-loop system)   Waste Removal   Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins of Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment they facility Name:   Disposal Facility Permit Number:   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 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   Proof of Deed Notice (required for on-site closure)   Proof of Deed Notice (required for on-site closure)   Proof of Deed Notice (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 Closure State and Permit Number   Soil Backfilling and Cover Installation   Namber   NaD:   1927   198:   198:   198:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:   199:	submitting the closure repor ease do not complete this	prior to implementing any closure activities and ays of the completion of the closure activities. Po d the closure activities have been completed.	Closure Report (required within 60 days of closure comp Instructions: Operators are required to obtain an approve The closure report is required to be submitted to the division
Maste Excavation and Removal   On-Site Closure Method   Alternative Closure Method   Waste Removal (Closed-loop system   If different from approved plan, please explain.			<del></del>
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins ( Instructions: Please Indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment in two facilities were utilized.    Disposal Facility Name:	(Closed-loop systems only)	Alternative Closure Method  Waste Removal	☐ Waste Excavation and Removal ☐ On-Site Closure
Disposal Facility Name: Disposal Facility Permit Number: Wete 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)	d. Use attachment if more the	lds, drilling fluids and drill cuttings were dispose	Closure Report Regarding Waste Removal Closure For Instructions: Please indentify the facility or facilities for with two facilities were utilized.
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 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			
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   24.   Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by   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	wice and anomations?		
Site Reclamation (Photo Documentation)   Soil Backfilling and Cover Installation   Re-vegetation Application Rates and Seeding Technique	vice and operations.	No	Yes (If yes, please demonstrate compliance to the iter
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, be 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  S.  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 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: mail address:  Telephone:		operations:	☐ Site Reclamation (Photo Documentation) ☐ Soil Backfilling and Cover Installation
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 belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.  Name (Print):  Signature:  Date:  Ce-mail address:  Telephone:		osure)	Closure Report Attachment Checklist: Instructions: Earmark 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 applica Waste Material Sampling Analytical Results (required Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technic Site Reclamation (Photo Documentation)
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 belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.  Name (Print):  Signature:  Date:  -mail address:  Telephone:		Longitude NA	
Signature: Date:e-mail address: Telephone:	pest of my knowledge and ed closure plan.	equirements and conditions specified in the approv	Operator Closure Certification:  I hereby certify that the information and attachments submitted belief. I also certify that the closure complies with all applications.
e-mail address: Telephone:			
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Form C-144 Oil Conservation Division Page 5 of 5	Page 5 of 5	ervation Division	Form C-144

Operator

# Received by OCD: 7/29/2022 8:38:31 AM

# NEW MEXICO OIL CONSERVATION COMMISSION TO WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes G Elioculvo 1-1-

Well No.

All distances must be from the outer boundaries of the Section.

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M.R.	Schalk	I Townson	J F Be	11	Country	<del></del>		2B
Unit Letter P	Section	Township 30 North	Pice 7.3	West	County	Juan		
Actual Footage Loc	ation of Well:	70 1101 01	1 42	NC3 U	1 0841	Vuali		
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Lodestar Services, Inc.

PO Box 4465, Durango, CO 81302

API#:

Name:

Depth to groundwater:

Distance to closest continuously flowing

watercourse:

So fa na		Pag	ge 1 of 1	
0.0000000000000000000000000000000000000	Additional Notes:	·		
MW 10.00.0	Within 100 year flood plain	No - FEMA Flood Zone 'X'		
	Within unstable area	No		1.14 miles NE of BLM- La Plata Highway Pit
	Wetland within 500'	No	Mining Activity:	
Α	municipal fresh water well field	No		Aerial Photo, Topo Map, Mines Mills and Quarries Map
	Within incorporated municipal boundaries Within defined	No	Attached Documents:	Groundwater report and Data; FEMA Flood Zone Map
	well or spring within 1000'	No		
	Domestic fresh water well or spring within 500' Any other fresh water	No	Precipitation Notes:	no significant precip events
			Annual Precipitation:	8.21 inches average annual
	Permanent residence, school, hospital, institution or church within 300'	No		
			Soil Type:	Entisols
	significant watercourse, lakebed, playa lake, or sinkhole:	_		
	Distance to closest			

Client:

**Project:** 

**Revised:** 

USPLSS:

Lat/Long:

Geologic

formation:

Prepared by:

**Pit Permit** 

**Siting Criteria** 

**Information Sheet** 

3004525266

BELL JF # 2E

50 to 100 ft

1.88 miles to La Plata River

**XTO Energy** 

**Pit Permits** 

16-Sep-08

**Brooke Herb** 

T30N,R13W,S03P

36.8373, -108.1868

**Nacimiento Formation** 

# Received by OCD: 7/29/2022 8:38:31 AM

# **BELL JF #2E Below Ground Tank** Siting Criteria and Closure Plan

# Well Site Location

Legals: T30N, R13W, Section 03, Quarter Section P Latitude/Longitude: approximately 36.8373, -108.1868

County: San Juan County, NM General Description: near Glade Run

# General Geology and Hydrology

The San Juan Basin is a typical Rocky Mountain basin with a gently dipping southern flank and a steeply dipping northern flank. Asymmetrically layered Tertiary sandstones and shales, along with Quaternary alluvial deposits dominate surficial geology (Dane and Bachman, 1965). The proposed below ground tank location will be located on the flanks of the Farmington Glade between Aztec and La Plata, New Mexico. Within the Farmington Glade, the Tertiary Nacimiento Formation is exposed, along with Quaternary alluvial and aeoloian sands surrounding the center of the wash.

Cretaceous and Tertiary sandstones, as well as Quaternary alluvial deposits serve as the primary aquifers in the San Juan basin (Stone et al., 1983). In most of the proposed area, the Nacimiento Formation lies at the surface. Thickness of the Nacimiento ranges from 418 to 2232 feet (Stone et al., 1983). Aquifers within the coarser and continuous sandstone bodies of the Nacimiento Formation are between 0 and 1000' deep in this section of the basin (Stone et al., 1983). Groundwater within these aquifers flows toward the nearby San Juan River and its tributaries.

The prominent soil type at the proposed site is entisols, which are defined as soils that do not show any profile development. Soils are basically unaltered from their parent rock. Miles of arroyos, washes and intermittent streams exist as part of the drainage network towards the La Plata River (www.emnrd.state.nm.us). These features often cut into soil and other unconsolidated materials, contributing to sedimentation downstream. The sudden influx of water from storm events easily erodes soils that cover the area.

The climate of the region is arid, averaging just over 8 inches of rainfall annually. As is typical of the southwestern United States monsoonal weather patterns, most precipitation falls from August through October. The heaviest rainfall occurs in the summer in isolated, intense cloudbursts. November through June is relatively dry. Snow generally falls from December to mid-February and averages less than one-half inch in depth. However, most recharge occurs during the winter months during snowmelt periods from the upper elevations (Western Regional Climate Center www.wrcc.dri.edu).

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

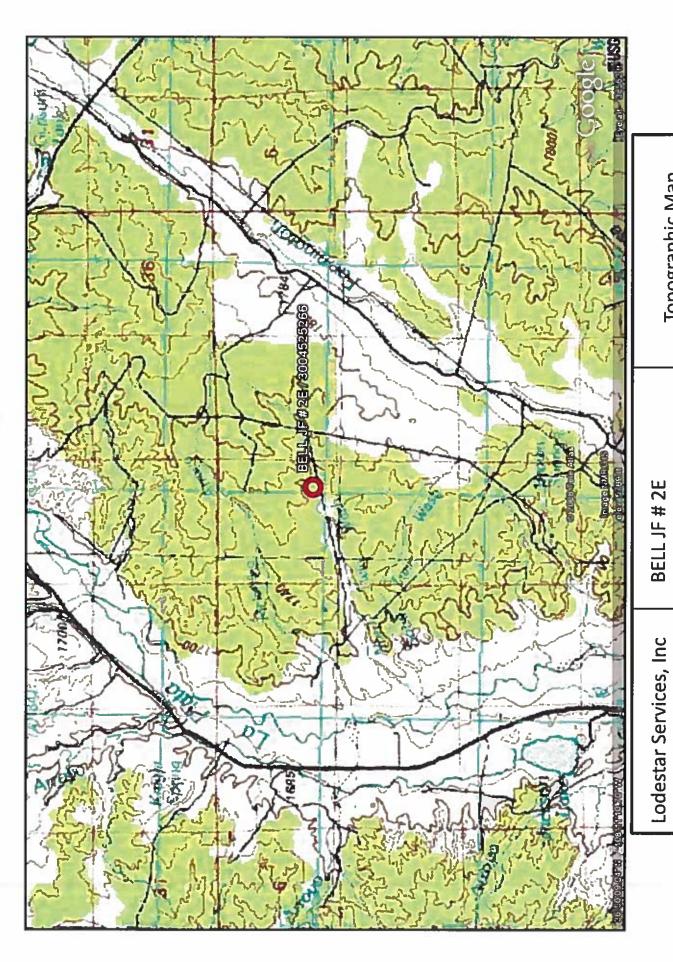
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# Site Specific Hydrogeology

Depth to groundwater is estimated to be between 50 and 100 feet. This estimation is based on data from Stone and others, 1983 and depth to groundwater data published on the New Mexico State Engineer's iWaters Database website. Local topography and proximity to surface hydrologic features are also taken into consideration.

Local aquifers include sandstones within the Nacimiento Formation, which ranges from 0 to 1000 feet deep in this area, as well as shallow aquifers within Quaternary alluvial deposits (Stone et al., 1983). The 1000-foot depth range for Nacimiento aquifers covers an area over 20 miles wide, and depth decreases towards the margin of the San Juan Basin. The site in question is more centrally located, and depth to the aquifer is expected to be closer to 1000 feet. It is well known that groundwater close to the La Plata River can be shallow, as the Quaternary deposits near the river itself form shallow aquifers. The proposed site is situated over a mile and a half to the east and is approximately 285 feet higher in elevation from the La Plata River (Google Earth).

Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. A map showing the location of wells in reference to the proposed pit location is also included. Pinpoints show locations of wells and the labels for each pinpoint indicate depth to groundwater in feet. A well to the northwest has a depth to groundwater of 80 feet. The well is 15 feet lower in elevation then the proposed site. A well to the northeast has a depth to groundwater of 27 feet. This well is shallow due to its close proximity to the Glade Wash. A well to the southeast has a depth to groundwater of 58 feet below the ground surface. The well is approximately 15 feet lower in elevation then the proposed site.

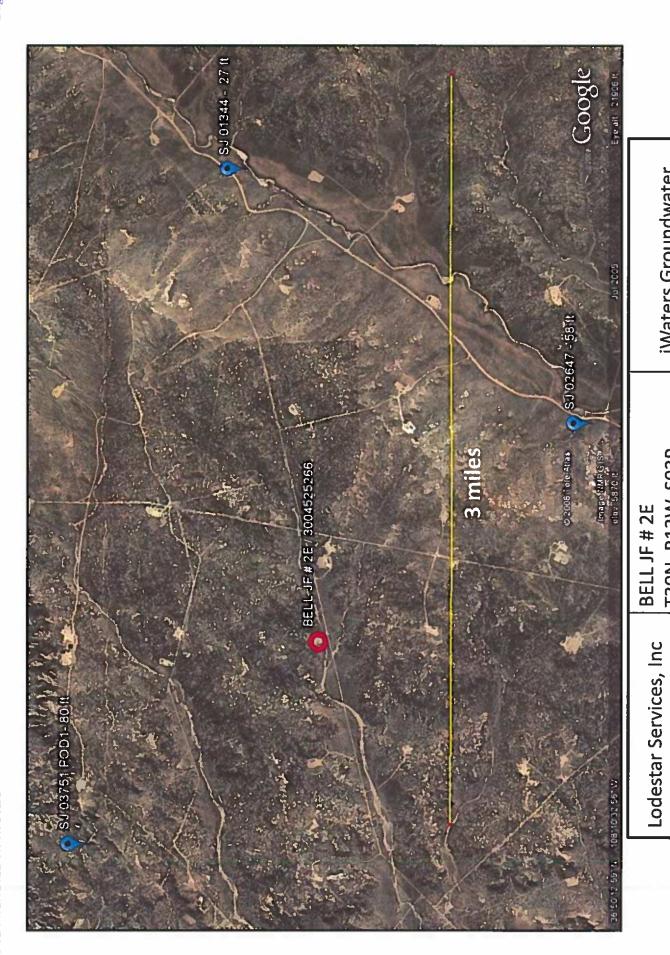


San Juan County, NM BELL JF # 2E T30N, R13W, S03P

Topographic Map

Durango, CO 81302

PO Box 4465



T30N, R13W, S03P iWater

iWaters Groundwater Data Map

Durango, CO 81302

PO Box 4465

New Mexico Office of the State Engineer POD Reports and Downloads

Township: 300 Range: 130 Sections:

POD / Surface Data ReportAvg Depth to Water ReportWater Column Report

WATER COLUMN REPORT 09/09/2008

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) 36N 13W 01 4 1 2 PCD Number

Zone

Depth Water 27 Depth Well 42

Water (in feet) Column 15

Record Count: 1

SJ 01344

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 30h Range; 13v Sections; 11

POD / Surface Data Report Avg Depth to Water Report Water Column Report

WATER COLUMN REPORT 09/09/2008

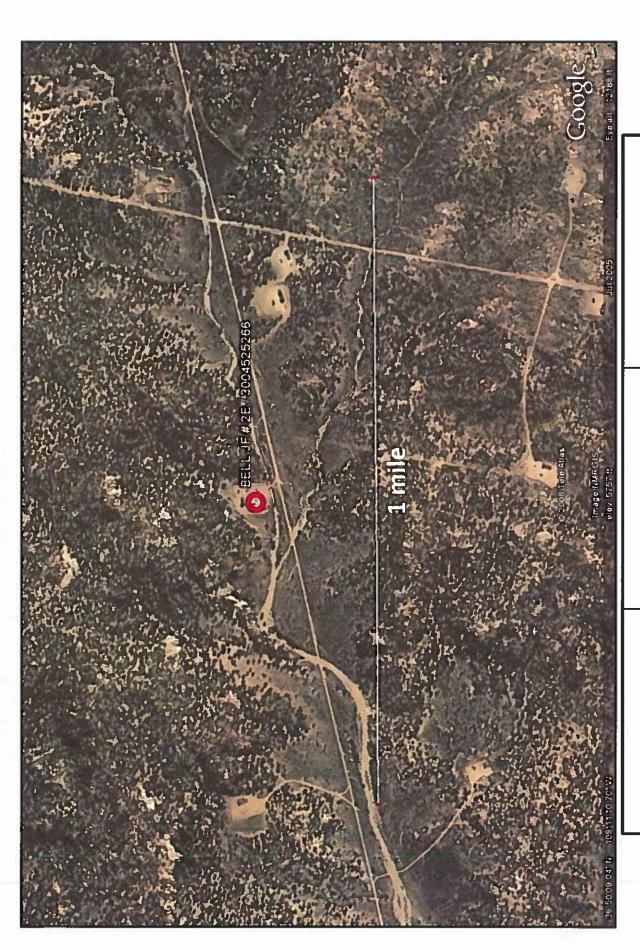
(quarters are 1=NH 2=NB 3=SW 4=SB)
(quarters are biggest to smallest)

POD Number Tws Rng Sec q q q Sone X Y Well Water
SJ 02647 30N 13W 11 4 3 4 56

Water (in feet)

Column 18

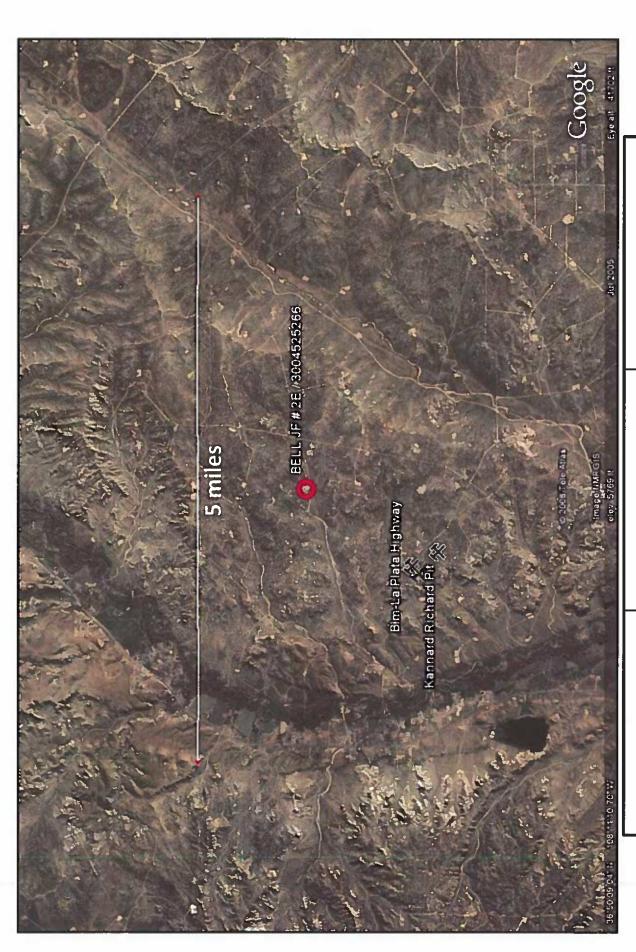
Record Count: 1



Aerial Photograph

Lodestar Services, Inc PO Box 4465 Durango, CO 81302

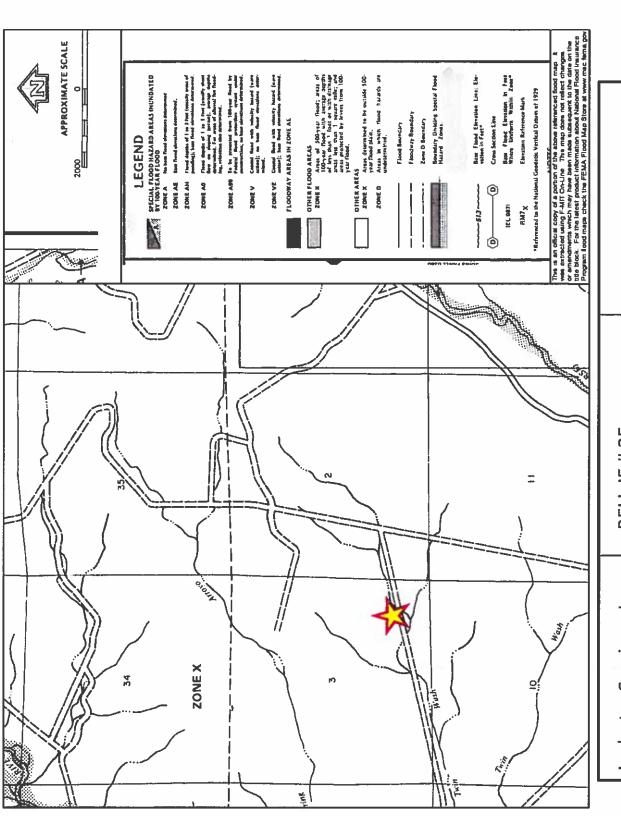
BELL JF # 2E T30N, R13W, S03P San Juan County, NM



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BELL JF # 2E T30N, R13W, S03P San Juan County, NM

Mines, Mills, and Quarries Map



**FEMA Flood Zone Map** 

Lodestar Services, Inc Durango, CO 81302 PO Box 4465

San Juan County, NM T30N, R13W, S03P **BELL JF # 2E** 

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# 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

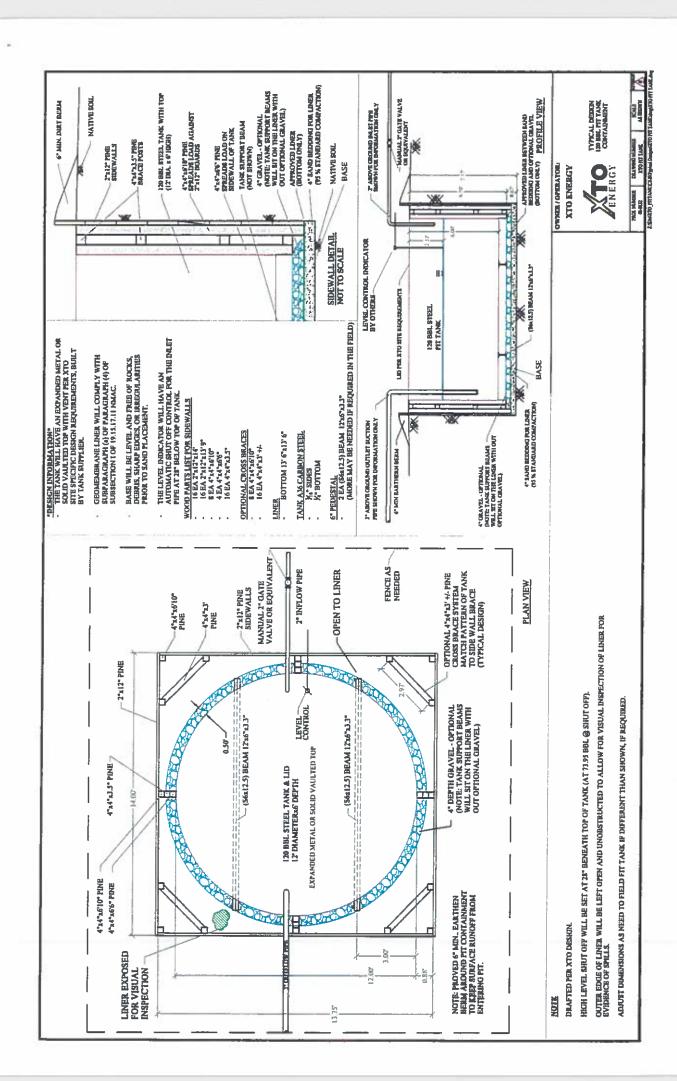
XTO Energy Inc.
San Juan Basin (Northwest New Mexico)
General Design and Construction Plan
For Below-Grade Tanks
Page 2

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 acidics and alkaline solutions. The liner material shall be resistant to ultraviolet light. Liner compatibility shall comply with EPA SW-846 method 9090A. (See attached drawing).

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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**

- 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.
- 7. If a below-grade tank develops a leak, or if any penetration of a below-grade tank occurs below the liquids surface, XTO will remove all liquids above the damage or leak line within 48 hours,

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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.

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	:	MONTE	ILY BELO	MONTHLY BELOW GRADE TANK INSPECTION FORM	INSPECTION	N FORM		
Well Name:					API No.:			
Legals	Sec	23.62	Township:		Range:			
XTO	Inspection	Inspection	Any visible liner	Any visible signs of	Collection of surface	Visible laver	Anv visible signs	Freeboard
Name	Date	Time	tears (Y/N)	tank overflows (Y/N)	run on (Y/N)	of oil (Y/N)	of a tank leak (Y/N)	Est. (ft)
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Notes:	Provide Det	Provide Detailed Description:	otion:		:			
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# XTO Energy Inc. San Juan Basin (Northwest New Mexico) General Closure Plan For Below-Grade Tanks

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

# General Plan

- XTO will close below-grade tanks within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the division requires because of imminent danger to fresh water, public health or the environment.
- 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.
- 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);
  - viii. Photo documentation of the site reclamation.

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

QUESTIONS

Action 129693

# **QUESTIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	129693
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

## QUESTIONS

acility and Ground Water			
acility and Ground Water			
Please answer as many of these questions as possible in this group. More information will help us ic	lentify the appropriate associations in the system.		
Facility or Site Name	JF Bell 2E		
Facility ID (f#), if known	Not answered.		
Facility Type	Below Grade Tank - (BGT)		
Well Name, include well number	JF Bell 2E		
Well API, if associated with a well	30-045-25266		
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	Not answered.		
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	True
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.

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

QUESTIONS (continued)

QUESTIONS, Page 2

Action	129693	

Operator.	OGRID.
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	129693
	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	(S)
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' hogwire
Alternate, Ferroing, Fredde Speerry (Variance Required)	4 nogwie
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 Please check a box if one or more of the following is requested, if not leave blank:	guidance.
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.

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

QUESTIONS, Page 3

Action 129693

QUESTIONS (continued)		
Operator:	OGRID:	
HILCORP ENERGY COMPANY	372171	
1111 Travis Street	Action Number:	
Houston, TX 77002	129693	

Action Type:

[C-144] Legacy Below Grade Tank Plan (C-144LB)

# QUESTIONS

Siting Criter	ria (regarding permitting)	
19.15.17.10 NI	IMAC	

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.

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	True
Alternate Closure Method. Please specify (Variance Required)	Not answered.

Operator Application Certification	
Registered / Signature Date	11/17/2008

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

ACKNOWLEDGMENTS

Action 129693

# **ACKNOWLEDGMENTS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	129693
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

## **ACKNOWLEDGMENTS**

$\overline{\checkmark}$	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.
$\overline{v}$	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 129693

# **CONDITIONS**

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1111 Travis Street	Action Number:
Houston, TX 77002	129693
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

## CONDITIONS

Created By		Condition Date
swells	None	8/17/2022