District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

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

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau exice 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

Existing BGT  Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method  Modification to an existing permit  Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method										
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request										
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.										
I.         Operator:         XTO Energy, Inc.         OGRID #:         5380										
Address: #382 County Road 3100, Aztec, NM 87410										
Facility or well name: Gallegos Federal 26 13 24 #24										
API Number:         3004531654         OCD Permit Number:										
U/L or Qtr/Qtr J Section 24 Township 26N Range 13W County: San Juan										
Center of Proposed Design:         Latitude36.470459         Longitude108.169725         NAD:1927 ☒ 1983										
Surface Owner: Seederal State Private Tribal Trust or Indian Allotment										
Pit: Subsection F or G of 19.15.17.11 NMAC  RCVD DEC 3 '10 OIL CONS. DIV.										
Temporary: Drilling Workover  DIST. 3										
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										
3.										
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other										
☐ Lined ☐ Unlined Liner type: Thicknessmil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other										
Liner Scams:  Welded Factory Other										
4.   Below-grade tank: Subsection I of 19.15.17.11 NMAC										
Volume: 95 bbl Type of fluid: Produced Water										
Tank Construction material: Steel										
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off										
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☒ Other Visible sidewalls, vaulted, automatic high-level shut off, no liner										
Liner type: Thicknessmil										

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

Alternative Method:

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)  Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church)  Four foot height, four strands of barbed wire evenly spaced between one and four feet  Alternate. Please specify Four foot height, steel mesh field fence (hogwire) with pipe top railing	hospital,
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)	·
8.  Signs: Subsection C of 19.15.17.11 NMAC  ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  ☐ Signed in compliance with 19.15.3.103 NMAC	
Administrative Approvals and Exceptions:  Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.  Please check a box if one or more of the following is requested, if not leave blank:  Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau consideration of approval.  Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accepmaterial are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approoffice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry above-grade tanks associated with a closed-loop system.	priate district pproval.
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ⊠ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applies to temporary, emergency, or cavitation pits and below-grade tanks)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applies to permanent pits)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☑ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.  NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	.□ Yes ⊠ No .
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ⊠ No
<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	☐ Yes ☑ No
Within a 100-year floodplain FEMA map	☐ Yes ☑ No

11.
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC  Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API Number: or Permit Number:
12.
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9  Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC  Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API Number:
Previously Approved Operating and Maintenance Plan API Number:(Applies only to closed-loop system that use
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC  Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.  Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
<ul> <li>☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>☐ Climatological Factors Assessment</li> <li>☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC</li> </ul>
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan
<ul> <li>□ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC</li> <li>□ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>□ Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan</li> </ul>
Emergency Response Plan Oil Field Waste Stream Characterization
☐ Monitoring and Inspection Plan ☐ Erosion Control Plan
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System
☐ Alternative Proposed Closure Method: ☐ Waste Excavation and Removal ☐ Waste Removal (Closed-loop systems only)
On-site Closure Method (Only for temporary pits and closed-loop systems)  In-place Burial On-site Trench Burial
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
<ul> <li>         ⊠ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC     </li> <li>         ⊠ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC     </li> </ul>

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13. Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if facilities are required.	D NMAC) more 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 service and operations?  Yes (If yes, please provide the information below)  No									
Required for impacted areas which will not be used for future service and operations:  Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection 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	C .								
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 sou provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate disting considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Just demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	rict office or may be								
Ground water is less than 50 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; 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 scarch; USGS; Data obtained from nearby wells									
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	Yes No								
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No								
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.  NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No								
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Ycs No								
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No								
Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No								
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No								
Within a 100-year floodplain FEMA map	☐ Yes ☐ No								
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan check mark in the box, that the documents are attached.  Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  Proof of Surface Owner Notice - based upon the appropriate requirements of 19.15.17.13 NMAC  Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC  Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC  Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC									
<ul> <li>Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC</li> <li>□ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cann</li> <li>□ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>□ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC</li> <li>□ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC</li> </ul>	oot be achieved)								

1*10		
Operator Application Certification:  I hereby certify that the information submitted with this application is true, accur	ate and complete to th	e best of my knowledge and belief.
Name (Print): Kim Champlin		Environmental Representative
Signature: Kim Cramplin	Date:	11/19/2008
e-mail address: kim_champlin@xtoenergy.com		(505) 333-3100
20.		
OCD Approval: Permit Application (including closure plan) Closure Plan OCD Representative Signature:	an (dh.y) D OCD	Conditions (see attachment)  73/20/4  Approval Date: \( \lambda \)
	Compliance O	71
Title: formuntal tagicer	OCD Permit Numb	oer:
21.  Closure Report (required within 60 days of closure completion): Subsection Instructions: Operators are required to obtain an approved closure plan prior to The closure report is required to be submitted to the division within 60 days of to section of the form until an approved closure plan has been obtained and the clo	o implementing any c he completion of the c osure activities have b	losure activities and submitting the closure report. losure activities. Please do not complete this
	Elosare comp	netton Date. 11 10 1 1 1 1 1
22.  Closure Method:  Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alterna ☐ If different from approved plan, please explain.	itive Closure Method	☐ Waste Removal (Closed-loop systems only)
23. <u>Closure Report Regarding Waste Removal Closure For Closed-loop Systems</u> Instructions: Please indentify the facility or facilities for where the liquids, drill two facilities were utilized.	That Utilize Above ( ling fluids and drill cu	Ground Steel Tanks or Haul-off Bins Only: uttings were disposed. Use attachment if more than
Disposal Facility Name:	Disposal Facility Pe	rmit Number:
Disposal Facility Name:	Disposal Facility Pe	rmit Number:
Were the closed-loop system operations and associated activities performed on or  Yes (If yes, please demonstrate compliance to the items below) No		
Required for impacted areas which will not be used for future service and operation	ons:	•
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 ite mark in the box, that the documents are attached.	ms must be attached	to the closure report. Please indicate, by a check
Proof of Closure Notice (surface owner and division) 4 #acked		
Plot Plan (for on-site closures and temporary pits)		
Confirmation Sampling Analytical Results (if applicable) a #achd		
☐ Waste Material Sampling Analytical Results (required forjon-site closure) ☐ Disposal Facility Name and Permit Number a Hacked		
Soil Backfilling and Cover Installation Per OCD Specific	tion	
Re-vegetation Application Rates and Seeding Technique Per BLM	MOU	
Site Reclamation (Photo Documentation) 4 to ched On-site Closure Location: Latitude Longitude	ude	NAD: □1927 □ 1983
		17AD. [1727 [ 1703
25. Operator Closure Certification:		
I hereby certify that the information and attachments submitted with this closure rebelief. I also certify that the closure complies with all applicable closure requirem		
		as specialist
Signature:	Date: <u>12</u>	17/10
e-mail address: Tomes - McDaniel Oxtoeneray	ConTelephone: 50	05-333-3701

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back

Form C-141

Revised October 10, 2003

side of form

## Release Notification and Corrective Action

						OPERA'	ГOR		☐ Initia	al Report     Final Report			
		TO Energy,				Contact: James McDaniel							
		00, Aztec, N				Telephone No.: (505) 333-3701							
Facility Nat	ne: Galleg	os Federal 2	6-13-24	#24 (30-045-316	54)	Facility Typ	e: Gas Well (Fr	uitland)	)				
Surface Ow	ner: Feder	al		Mineral O	wner:				Lease N	Vo.:			
				•					1 200001				
<del></del>	1- <u>-</u>	r <u> </u>				OF RE							
Unit Letter	Section 24	Township 26N	Range 13W	Feet from the 1450		South Line FSL	Feet from the 2380		Vest Line FEL				
,	24	2011	15 **	1430		LOF	2360	·	·LL	San Juan			
Latitude: 36.470459 Longitude: -108.169725													
J			-	NAT	URE	OF REL		1					
Type of Rele							Release: unknow			Recovered: unknown			
Source of Re	lease: Belov	w Grade Tank				Date and F unknown	Iour of Occurrence	e:	Date and	Hour of Discovery: NA			
Was Immedia	ate Notice C	Given?				If YES, To	Whom?			RCVD DEC 9'10			
			Yes [	No 🛛 Not Re	quired	,							
By Whom?						Date and F	lour			OIL CONS. DIU NICT 2			
Was a Water	course Reac					If YES, Vo	olume Impacting t	he Wate	rcourse.	East als real to U had			
		L	Yes 🗵	] No									
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.'	<b>k</b> .		·							
The below grade tank was taken out of service at the Gallegos Federal 26-13-24 #24 well site due to the plugging and abandoning of this well site. A composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418.1 and 8015, benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards, for TPH via USEPA Method 418.1 and for benzene and BTEX. However, the sample returned results above the 250 ppm total chloride standard at 420 ppm, confirming that a release has occurred.  Describe Area Affected and Cleanup Action Taken.*  Once it was determined that a release had occurred, the site was ranked a 0 according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. This set the closure standards to 5,000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX. No chloride standard is cited in the NMOCD													
				and Releases. The are attached for you			sults below the reg	gulatory	standards	for all constituents analyzed.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.													
	///		-/				OIL CON	SERV	ATION	DIVISION			
Signature: Printed Name	e: James Mo	Daniel				Approved by District Supervisor:							
Title: EH&S	Specialist					Approval Da	te:	l	Expiration	Date:			
E-mail Addre	ess: James_	McDaniel@xt	toenergy.c	om	•	Conditions of Approval:  Attached							
Date: 12/7/2	010		P	hone: 505-333-370	ot								

<sup>\*</sup> Attach Additional Sheets If Necessary

## XTO Energy Inc. San Juan Basin **Below Grade Tank Closure Report**

ROVD DEC 9'10 OIL CONS. DIV. DIST. 3

Lease Name: Gallegos Federal 26-13-24 #24

API No.:

30-045-31654

Description: Unit J, Section 24, Township 26N, Range 13W, San Juan County

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 1. an earlier date that the division requires because of imminent danger to fresh water, public health or the environment.

Closure Date is November 29, 2010

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.

Closure Date is November 29, 2010

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.

Required C-144 Form is attached to this document.

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

All liquids and sludge were removed from the tank prior to closure activities.

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 approves. XTO has removed the below grade tank, and will dispose of it at a division approved facility, or recycle, reclaim or reuse it in a manner that is approved by the division.

6. XTO will remove any on-site equipment associated with a below-grade tank unless the equipment is required for some other purpose.

All equipment has been removed due to the plugging and abandoning of the Gallegos Federal 26-13-24 #24 well site.

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 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.

A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

Components	Test Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	BDL mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	BDL mg/kg
TPH	EPA SW-846 418.1	100	50.4 mg/kg
Chlorides	EPA 300.1	250 or background	420 mg/kg

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.

Due to a chloride level of 420 ppm, it has been determined that a release has occurred at this location. The site was then ranked a 0 according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. This set the closure standard to 5,000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX. The NMOCD Guidelines for the Remediation of Leaks, Spills and Releases does not cite a closure standard for chlorides. The sample returned results below the regulatory standards for all constituents analyzed. No further action is required.

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.

The pit cellar was backfilled using compacted, non-waste containing earthen material, with a division prescribed soil cover.

- 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

Notification was provided to Mr. Brandon Powell with the Aztec office of the OCD via email on November 22, 2010; see attached email printout.

The surface owner shall be notified of XTO's proposal to close the BGT as per the approved closure plan using certified mail, return receipt requested.

The surface owner was notified on November 22, 2010; see attached letter and return receipt.

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.

The site has been recontoured to match the above mentioned specifications.

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.

The site has been backfilled to match these specifications.

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.

The location will be reclaimed pursuant to the BLM MOU.

- 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; attached
  - ii. Details on capping and covering, where applicable; per OCD Specifications
  - iii. Inspection reports; None Found
  - iv. Confirmation sampling analytical results; attached
  - v. Disposal facility name(s) and permit number(s); see above
  - vi. Soil backfilling and cover installation; per OCD Specifications
  - vii. Re-vegetation application rates and seeding techniques, (or approved alternative to re-vegetation requirements if applicable); **Per BLM MOU**
  - viii. Photo documentation of the site reclamation. attached



### EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	<b>BGT Closure Composite</b>	Date Reported:	11-03-10
Laboratory Number:	56374	Date Sampled:	11-02-10
Chain of Custody No:	10651	Date Received:	11-02-10
Sample Matrix:	Soil	Date Extracted:	11-03-10
Preservative:	Cool	Date Analyzed:	11-03-10
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

**Total Petroleum Hydrocarbons** 

50.4

11.0

ND = Parameter not detected at the stated detection limit.

RCVD DEC 9'10

OIL CONS. DIV.

DIST. 3

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

**Gallegos Federal 26-13-24 #24** 

Analyst

Review



#### **EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT**

Client:

QA/QC

Project #:

N/A

Sample ID:

QA/QC

Date Reported:

11-03-10

Laboratory Number:

11-03-TPH.QA/QC 56362

Date Sampled:

N/A

Sample Matrix:

Freon-113

Date Analyzed:

11-03-10

Preservative: Condition:

N/A N/A

Date Extracted: Analysis Needed: 11-03-10 TPH

Calibration I-Cal Date C-Cal Date I-Cal RF: C-Cal RF: % Difference

Accept. Range

10-28-10

11-03-10

1,610

1,610

0.0%

+/- 10%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

**TPH** 

ND

11.0

Duplicate Conc. (mg/Kg)

TPH

TPH

Sample 113

123

8.6%

Duplicate % Difference Accept. Range +/- 30%

Spike Conc. (mg/Kg)

113

Sample Spike Added Spike Result % Recovery 2,000

1,840

87.1%

80 - 120%

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

QA/QC for Samples 56362, 56372-56376

Analyst

# CHAIN OF CUSTODY RECORD

Client:			Project Name / L																				<del></del> 7
Client:			-		lera 26-13-24#24					ANALYSIS / PARAMETERS													
×10 En	ryqu		zallegos	Fed.	eral o	26-15	-d	4#0	14		<del>,</del>			,	· · · ·	<del>,</del>	d						
Client Address:	,	18	Sampler Name:						2	12	) S	1	)		İ			,			.		]
Client Address:  382 CR	3100		JMJ	)anie	, [				80	98	88	<u>\S</u>	\ _		١	•	1		·	1	ļ		\ 
Client Phone No.:		C	Jilent No.:				-		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Į Š	ğ	eta	j <u>ē</u>		堂		F.	ш			1	<u>8</u>	lact
78.7-0519 Sample No./	•		98031	- 05	TH			_	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion		TCLP with H/P		TPH (418.1)	CHLORIDE			l	Sample Cool	Sample Intact
Sample No./	Sample	Sample	Lab No.	S	ample	No./Volume of Containers	Pres	ervati	<b>蓟</b> 王	Ä	ő	Ř	ţio	_	ب	I	Į	일				ם	d l
Identification	Date	Time	,		//atrix	Containers	HgCl <sub>2</sub>	HC?	3 6	<u>m</u>	18	윤	යි	윤	12	PAH		ᅌ				Sa	Sa
BGT Closure Composite	1/2/10	16cc	56374	Solid	Sludge Aqueous	1/402			1								X				,	4	X
•				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
		****		Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
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Est. 1970

James McDaniel XTO Energy - San Juan Division 382 Road 3100 Aztec, NM 87410

#### Report Summary

Wednesday November 10, 2010

Report Number: L487224
Samples Received: 11/04/10
Client Project:

Description: Gallegos Federal 26-13-24 24

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

#### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140 NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A, TX - T104704245, OK-9915

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REPORT OF ANALYSIS

November 10,2010

Project # :

James McDaniel XTO Energy - San Juan Division 382 Road 3100 Aztec, NM 87410

ESC Sample # : L487224-01

Date Received : November 04, 2010
Description : Gallegos Federal 26-13-24 24

Site ID : GALLEGES FEDERAL 26-13 Sample ID : BGT CLOSURE COMPOSITE

Collected By : James McDaniel Collection Date : 11/02/10 16:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	420	11.	mg/kg	9056	11/09/10	1
Total Solids	91.5		8	2540G	11/10/10	1
Benzene	BDL	0.0027	mg/kg	8021/8015	11/08/10	5
Toluene	BDL	0.027	mg/kg	8021/8015	11/08/10	5
Ethylbenzene	BDL	0.0027	mg/kg	8021/8015	11/08/10	5
Total Xylene	BDL	0.0082	mg/kg	8021/8015	11/08/10	5
TPH (GC/FID) Low Fraction	BDL	0.55	mg/kg	GRO	11/08/10	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96.4		% Rec.	8021/8015	11/08/10	5
a,a,a-Trifluorotoluene(PID)	99.6		% Rec.	8021/8015	11/08/10	5
TPH (GC/FID) High Fraction Surrogate recovery(%)	5.9	4.4	mg/kg	3546/DRO	11/08/10	1
o-Terphenyl	80.9		% Rec.	3546/DRO	11/08/10	1

Results listed are dry weight basis. BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

This report shall not be reproduced, except in full, without the written approval from ESC. The reported analytical results relate only to the sample submitted Reported: 11/10/10 15:17 Printed: 11/10/10 15:17

# Summary of Remarks For Samples Printed 11/10/10 at 15:17:21

TSR Signing Reports: 288 R5 - Desired TAT

report J's if above limits-B 0.01, T 0.75, E 0.75, X 0.62 mg/l

Sample: L487224-01 Account: XTORNM Received: 11/04/10 09:00 Due Date: 11/11/10 00:00 RPT Date: 11/10/10 15:17

#### s jo g abed

		)C Qualifiers.				* Performance of this Analyte For additional information,
MC201513	0.2	17.2 811-97	. 701	8420.0 6830.0		anaznad
MG201513	• • • • • • • • • • • • • • • • • • • •	821-69	0.201			a, a, a-Trifluorotoluene (FID)
ETST <u>02</u> ĐW	02.	£1-135 4.43	isī	, 76.8 , 79.8	wa\ka	TEH (GC/EID) TOW Eraction
901L099M		051-05	02.87			o-Terphenyl
901/05bW	25	£9.8	0:78	S. 78 . 3. S.	wdd	TPH (GC/FID) High Eraction
Batch	Limit	Limit RPD	%Rec	Result Ref		Analyte
			featsailqud elqmi	aboratory Control Sa	T	
PSSTOZDW.	911-98	9.66	8.64	0 ș	8	Total Solids
MG507230	911-98	1001	2005	200	шд/ка	Chloride
MGZOJSJ3	5,51-69	8.101				a,a,a-Trifluorotoluene (PID)
MC201513	811-18		PST.0	ŠT.	bγ/bw	Total Xylene
MC201513	₽II-9 <i>L</i>		₽220.0	80.	md/kd	Toluene
MC201513	STT-84		6.529	90.	wd/kd	Echylbenzene
MC201513	£11-9 <i>L</i>	110	8150.0	50.	wd/kd	Benzene
MG201513	29-128	8.201				a, a, a-Trifluorotoluene (FID)
ETST0280W	\$£1-19	LZŢ	£6.9	ğ.ğ.,	₩d/kg	TEH (GC/FID) TOW EXSCLION
901L099M	051-09	p£.98				o-Terphenyl
90170ç2 <u>0</u>	20-120		<u>S.</u> 72	09	wdd	TEH (GC/FID) HIGH Fraction
Batch	timil	% Rec	Result	Known Val	units	Analyte
,			elqme2 lo	Laboratory Contr		
#SST025W	L487248-05	S	05.I	£.23 0.143		Total Solids
WG507230					шд/ка	Chloride
	F487224-01	50	95.8	410. 380.		
MC201530	F481554-01 F481554-01	20 20	92.8 92.8	410, 380,	бу/бш	Chloride
						Chloride. Chloride
MG201530	T487224-01		17,3 17,3 8,56	Result Dupl. 43.0 51.0 380.	бу/бш	
WG507230	F486858-01	50	17,3 17,3 8,56	43.0 51.0 43.0 51.0	mg/kg mg/kg	Chloride
WG507230	F486858-01	20 20 17WTF	17,3 17,3 8,56	Result Dupl. 43.0 51.0 380.	mg/kg mg/kg	Chloride
MG207230 MG507230 MG507230	F486858-01	20 20 Timit	17,3 17,3 8,56	Result Dupl. 43.0 51.0 380.	mg/kg mg/kg	Analyte
MG507230 MG507230 MG507230	T48_2554_01 T48_88_86_01 Bet 29ub MG201224_T1110\	20 20 17w7F	i.e.  icate RPD i.r.3 8.56	### ##################################	ESTINU PA/PM PA/PM PA/PM PA/PM	Chloride Total Solids Analyte Chloride
MG507230 WG507230 WG507230	T48,554-01 T486828-07  Bet 29mb M620,524 T1/10 M620,532 T1/08 M620,533 T1/08	50 50 Γτωτε 24-144	2.001 GGR 9360 1.9.71 8.56	% Result Duplical Si.0 43.0 Si.0 43.0 Si.0 41.0	ESTINU PA/PM PA/PM PA/PM PA/PM	Chloride Total Solids Total Solids Chloride
MG207230 MG507230 MG507230 MG507230 MG507230 MG507230 MG507230	T482828-07 T486828-07 MG201224 T1/10 MG201230 T1/007 MG201233 T1/008 MG201233 T1/008	20 20 24-144 24-144 28-158	i.e.  icate RPD i.r.3 8.56	# Rec. 380. 410. 380. 51.0 980. 980. 980. 980. 980. 980. 980. 98	01 > I. > sainU exique gx/pm	a, a, a-Trifluorotoluene (FID) a, a, a-Trifluorotoluene (PID) Chloride Total Solids Analyte
MC201530 MC2	T482524-01 T48688-07 MG201224 T1/10/ MG201233 T1/08/ MG201213 T1/08/ MG201213 T1/08/ MG201213 T1/08/	851-62 20 20 20 20 20	2.001 GGR 9360 1.9.71 8.56	## ## ## ## ## ## ## ## ## ## ## ## ##	01 > 01 > 1. >	Total Xylene a,a,a-Trifluorotoluene(PID) g,a,a-Trifluorotoluene(PID) Chloride Total Solids Analyte
Me201530 Me2	T481554-01  T486888-07  G201224-17  G201224-17  G201224-17  G201213-17  G201213-17  G201213-17  G201213-17  G201213-17  G201213-17  G201213-17  G201213-17	20	2.001 GGR 9360 1.9.71 8.56	## ## ## ## ## ## ## ## ## ## ## ## ##	21.5 01.5 1.5 01.5 1.5 01.5 01.5	TPH (GC/FLD) LOW Fraction Total Xylene a,a,a-Trifluorotoluene(FlD) c,a,a-Trifluorotoluene(PlD) Chloride Total Solids Analyte
MG201530 MG201530 MG201530 MT2 T3355 MT2 T335 MT2 T335 MT	T48LSS4-01  T48E828-07  MG20LS23 T1\007	20 20 Συπτη Εν-144 24-144 28-158	2.001 GGR 9360 1.9.71 8.56	### ##################################	200. > 2. 1. 5 2. 00. > 2. 00. > 1. > 2. 00. >	Toluene TPH (GC/FID) Low Fraction Total Xylene a,a,a-Trifluorocoluene(FID) chartede Total Solide Total Solide
MG201530 MG201530 MG201530  1,10 13:55 1,10 13:55 1,10 17:41 1,10 17:41 1,10 17:41 1,10 17:41 1,10 17:41 1,10 17:41	T481554-01  T486888-07  G201224-17  G201224-17  G201224-17  G201213-17  G201213-17  G201213-17  G201213-17  G201213-17  G201213-17  G201213-17  G201213-17	20 - 158 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 2	2.001 GGR 9360 1.9.71 8.56	#10 380  #30 210  #30 210  #430 210  #430 210  #450	21.5 01.5 1.5 01.5 1.5 01.5 01.5	TPH (GC/FLD) LOW Fraction Total Xylene a,a,a-Trifluorotoluene(FlD) c,a,a-Trifluorotoluene(PlD) Chloride Total Solids Analyte
MG201530 MG2	T48,2534-01  T486888-07  Bet 29ub  MG20,253 11/10  MG20,253 11/08	20 - 15 - 15 - 15 - 15 - 15 - 15 - 15 - 1	96.93 100.5 100.5 100.5 100.5 100.5 100.5	### ##################################	2000. > 2000. > 200. >	Benzene Toluene Toluene Toluene Total Xylene 3, 3, 3-Trifluorotoluene(PID) Chloride Total Solida Total Solida Total Solida
MG201530	T484254-01  T486888-07  MG20423 T1/10  MG20423 T1/10  MG20423 T1/08  MG20424 T1/10  MG20424 T1/10  MG20424 T1/08   20 20 20 17w7c 20-1744 20-128	2.001 GGR 9360 1.9.71 8.56	## ## ## ## ## ## ## ## ## ## ## ## ##	2000. > 2000. > 200. >	Perphenyl Benzene Ethylbenzene Tolene Tolene (C/FID) Low Fraction Total Xylene a, a, a-Trifluorocoluene (FID) b, a, a-Trifluorocoluene (FID) Total Solide Total Solide Total Solide	
MG201530	T48,2534-01  T486888-07  Bet 29ub  MG20,253 11/10  MG20,253 11/08	20 20 20 17w7c 20-1744 20-128	96.93 100.5 100.5 100.5 100.5 100.5 100.5	### ##################################	2000. > 2000. > 200. >	Benzene Toluene Toluene Toluene Total Xylene 3, 3, 3-Trifluorotoluene(PID) Chloride Total Solida Total Solida Total Solida
MG201530	T482524-01  T486888-07  MG201224 T1/10/ MG201213 T1/08/ MG201210 T1/08/	50-150 50-150 50-150 50-150 50-150 50-150	76.90 76.90 100.5 100.5 100.5 8.56	## ## ## ## ## ## ## ## ## ## ## ## ##	2000. > 2000. > 200. >	Perphenyl Benzene Ethylbenzene Tolene Tolene (C/FID) Low Fraction Total Xylene a, a, a-Trifluorocoluene (FID) b, a, a-Trifluorocoluene (FID) Total Solide Total Solide Total Solide

L487224

Quality Assurance Report

Aztec, NM 87410

XTO Energy - San Juan Division Sames McDaniel 382 Road 3100

YOUR LAB OF CHOICE

0761 .Je3

682₽180-23 .O.1 xaT

November 10, 2010

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Aztec, NM 87410

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report Level II

L487224

November 10, 2010

	•					
Analyte	Labo Units Res		Sample Duplicate	Limit	RPD Limit	Batch
Ethylbenzene Toluene Total Xylene a,a,a-Trifluorotoluene(PID)	mg/kg 0.0 mg/kg 0.0 mg/kg 0.1		103. 106. 100. 101.0	78-115 76-114 81-118 54-144	2.74 20 4.00 20 2.97 20	WG5072 WG5072 WG5072 WG5072
Chloride	mg/kg 200	. 200.	100.	85-115	0 20	WG50723
		Matrix S	pike			
Analyte	Units M	S Res Ref Re		Limit	Ref Samp	Batch
TPH_(GC/FID) High Fraction o-Terphenyl	ppm 7	7.00	60 107. 103.9	50-150 50-150	L487384-01	WG50710
Benzene Ethylbenzene Toluene	mg/kg 0	.259 0 .231 0 .251 0	.05 103. .05 92.2 .05 100.	32-137 10-150 20-142	L487224-01 L487224-01 L487224-01	WG5072 WG5072 WG5072
Total Xylene a,a,a-Trifluorotoluene(PID)		.660 0	.15 88.0 100.1	16-141 54-144	L487224-01	WG5072
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg 2	7.2 0	5.5 98.9 100.5	55-109 59-128	L487224-01	WG5072 WG5072
		Matrix Špike	Duplicate 1			
Analyte	Units MSD		%Rec Limit	RPD	Limit Ref Samp	Batch
TPH (GC/FID): High Fraction o-Terphenyl	ppm 64.	8 . 71 .3	96.3 50-150 89.52 50-150		25 L487384-01	WG5071 WG5071
Benzene Ethylbenzene Toluene	mg/kg 0.2 mg/kg 0.2 mg/kg 0.2	28 0.231	104. 32-13 91.3 10-15 99.3 20-14	0.990	39 L487224-01 44 L487224-01 42 L487224-01	WG5072 WG5072 WG5072
Total Xylene a,a,a-Trifluorotoluene(PID)	mg/kg_0.6	52 0.660	86.9 16-14 100.2 54-14	1.22	46 L487224-01	WG5072 WG5072
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg 28.		102. 55-10 100.0 59-12		20 L487224-01	WG5072 WG5072
Chloride	mg/kg 0	0	0* -	0	20	WG50723

Batch number /Run number / Sample number cross reference

WG507106: R1462030: L487224-01 WG507273: R1464050: L487224-01 WG507230: R1465393: L487224-01 WG507554: R1466871: L487224-01

 <sup>\* \*</sup> Calculations are performed prior to rounding of reported values .
 \* Performance of this Analyte is outside of established criteria. For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division James McDaniel 382 Road 3100

Aztec, NM 87410

Quality Assurance Report Level II

L487224

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate — is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. 'If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

November 10, 2010

Company Name/Address			Alternate Billing				Analy	ysis/Cont	ainer/Prese	vative		Chain of Custody	
XTO Energy, Inc. 382 County Road 3100 Aztec, NM 87410		XTORNM031810S								Prepared by:	Pageof		
									a Sagar Sa		87 ). S	ENVIRON Science co	
	Report to: James McDaniel			_					12065 Leba				
	E-mail to: James_McDaniel@xtoenergy.com			6,	o S			N 37122					
Project Description: 20 1 egos	Feder	ral 26	-13-24#24 ST County, NIM			$\bowtie$	)/	<b>)</b>			Phone (615)758-5858		
PHONE: 505-333-3701 Cilent Project No.				Lab Project#			79/7-	-462	402			Phone (80)	0) 767-5859
FAX:							٠,	- -5    FA		FAX (6	X (615)758-5859		
Collected by: James McDaniel	Site/Facility ID		26-13-24 #24 -								(lab use only)		
Collected by(signature) (Lab MUSTNext Day.		ab MUST be	be Notified) Date Results Needed No		BTEX (EDD)	0 (8015)	Chlorides			XTORNM Template/Prelogin			
Packed on Ice N_ YThree Day					メ出	DRO/6RO(	J V V			Shipped Via: Fed Ex. 1			
Sample ID	Comp/Grab		Depth	Date	Time	Cntrs		X	Ŋ		200	Remarks/contaminant	Sample # (lab only)
B67 Clusure Composite	Comp	55		1/2/10	16°C	1	X	X	X				148777401
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Matrix: SS-Soil/Solid GW-Groundwa	ter <b>WW</b> -Wa	stewater D	W-Drinking \	Nater OT-O	ther		•				рН	Temp	
Remarks:											Flow	Other	
Relinquisher by Signature	Date: 11/3/10	Time: 06 45	Received by:(	Signature)	(V)		Sampl		1	dE x_ups_	_	Condition	(lab use only)
Relinquisher by:(Signature	Date:	Time:	Received by: (		5.05		Temp:	- 1	UU.	Bottles Re	ceived: /o Z		06
Relinquisher by:(Signature	Date:	Time:	Received for	lab by: (Signatur	e)	60 DV	Date:	10	10	Time:	o-O	pH Checked:	NCF



### James McDaniel /FAR/CTOC 11/22/2010 10:21 AM

To brandon.powell@state.nm.us

CC

bcc

Subject Gallegos Federal 26-13-24 #24 BGT Closure

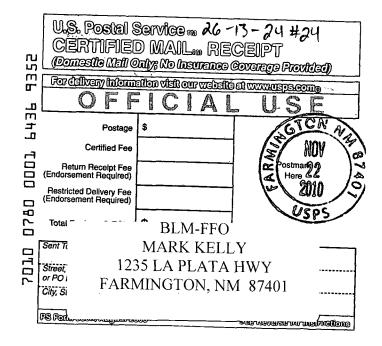
#### Brandon

Please accept this email as the required notification of BGT closure activities taking place at the Gallegos Federal 26-13-24 #24 well site (api # 30-045-31654) located in Unit J, Section 24, Township 26N, Range 13W, San Juan County, New Mexico. This BGT will no longer be used due to P&Aing of this well. Thank you for your time in regards to this matter.



RCVD DEC 9'10 OIL CONS. DIV. DIST. 3

#### SENDER: COMPLETE THIS SECTION COMPLETE THIS SECTION ON DELIVERY. ■ Complete items 1, 2, and 3. Also complete A. Signature Agent item 4 if Restricted Delivery is desired. Print your name and address on the reverse ☐ Addressee so that we can return the card to you. Date of Delivery Attach this card to the back of the mailpiece, or on the front if space permits. ☐ Yes 1. Article Addressed to: If YES enter delivery address below: □ No **BLM-FFO** MARK KELLY 1235 LA PLATA HWY FARMINGTON, NM 87401 3. Service Type ☐ Certified Mail ☐ Express Mail □ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes 2. Article Number 7010 0780 0001 6436 9352 (Transfer from service laboration) PS Form 3811, February 2004 102595-02-M-1540 ; Domestic Return Receipt





November 22, 2010

Mark Kelly, Bureau of Land Management – Farmington Field Office 1235 La Plata Highway Farmington, New Mexico, 87401

Re: Gallegos Federal 26-13-24 #24

Unit J, Section 24, Township 26N, Range 13W, San Juan County, New Mexico

Dear Mr. Kelly,

This submittal is pursuant to Rule 19.15.17.13 requiring operators to notify surface owners of the closure of a below grade tank pit. XTO Energy, Inc. (XTO) is hereby providing written documentation of our proposal to close the below grade tank pit associated with the above mentioned well site by waste excavation and removal.

Should you have questions or require additional information, please feel free to contact me at your convenience at (505) 333-3100. Thank you for your time in regards to this matter.

Respectfully Submitted,

James McDaniel EH&S Specialist XTO Energy, Inc. San Juan Division

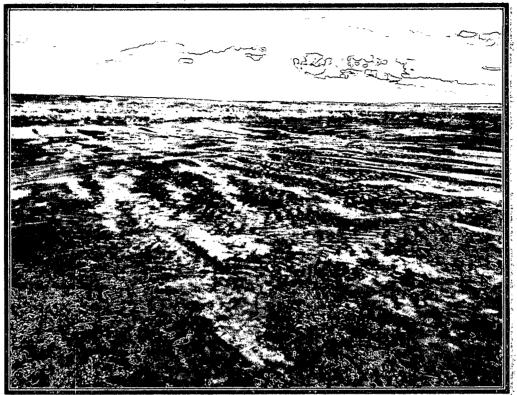


Photo 1: Gallegos Federal 26-13-24 #24 after Backfill and Recontour (view 1)



Photo 2: Gallegos Federal 26-13-24 #24 after Backfill and Recontour (view 2)