

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

Form C-144  
July 21, 2008

**For temporary pits, closed-loop systems, and below-grade tanks,** submit to the appropriate NMOCD District Office.  
**For permanent pits and exceptions** submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

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

- 8939 Type of action: ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method  
☒ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method  
☐ Modification to an existing permit  
☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

**Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank, or alternative request**

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations, or ordinances.

Operator: <u>XTO Energy, Inc.</u>		OGRID #: <u>5380</u>
Address: <u>382 Road 3100, Aztec, New Mexico 87410</u>		
Facility or well name: <u>Fullerton Federal 24 #43</u>		
API Number: <u>30-045-29181</u>		OCD Permit Number:
U/L or Qtr/Qtr <u>I</u>	Section <u>24</u>	Township <u>27N</u> Range <u>11W</u> County: <u>San Juan</u>
Center of Proposed Design: Latitude <u>36.553833</u> Longitude <u>-107.942500</u>		NAD: <input type="checkbox"/> 1927 <input checked="" type="checkbox"/> 1983
Surface Owner: <input checked="" type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Tribal Trust or Indian Allotment		

2. ☐ **Pit:** Subsection F or G of 19.15.17.11 NMAC  
Temporary: ☐ Drilling ☐ Workover  
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A  
☐ Lined ☐ Unlined Liner type: Thickness \_\_\_\_\_ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
☐ String-Reinforced  
Liner Seams: ☐ Welded ☐ Factory ☐ Other \_\_\_\_\_ Volume: \_\_\_\_\_ bbl Dimensions: L \_\_\_\_\_ x W \_\_\_\_\_ x D \_\_\_\_\_

3. ☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC  
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other \_\_\_\_\_  
☐ Lined ☐ Unlined Liner type: Thickness \_\_\_\_\_ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
Liner Seams: ☐ Welded ☐ Factory ☐ Other \_\_\_\_\_

4. ☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC  
Volume: 120 bbl Type of fluid: Produced Water  
Tank Construction material: Fiberglass  
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off  
☐ Visible sidewalls and liner ☒ Visible sidewalls only ☐ Not labeled  
Liner type: Thickness \_\_\_\_\_ mil ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_

5. ☐ **Alternative Method:**  
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.



6.

**Fencing:** Subsection D of 19.15.17.11 NMAC (*Applies to permanent pits, temporary pits, and below-grade tanks*)

- ☐ Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)
- ☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
- ☐ Alternate. Please specify \_\_\_\_\_

7.

**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- ☐ Screen ☐ Netting ☐ Other \_\_\_\_\_
- ☐ Monthly inspections (If netting or screening is not physically feasible)

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.

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 acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> 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)

13.

**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan
- ☐ 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

14.

**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)

15.

**Waste Excavation and Removal Closure Plan Checklist:** (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16.

**Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)

**Instructions:** Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Will any of the proposed closed-loop system operations and associated activities 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 I of 19.15.17.13 NMAC

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.

**Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC

**Instructions:** Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

18.

**On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ 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

19.

**Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

E-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

20.

**OCD Approval:** ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Jonathan D. Kelly Approval Date: 9/12/2011

Title: Compliance Officer OCD Permit Number: \_\_\_\_\_

21.

**Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

☒ Closure Completion Date: 7/5/11

22.

**Closure Method:**

☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)  
☐ If different from approved plan, please explain.

23.

**Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

*Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.*

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

*Required for impacted areas which will not be used for future service and operations:*

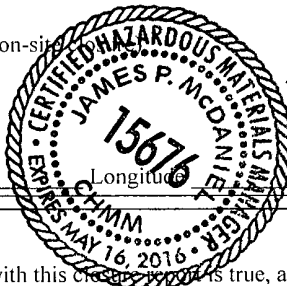
- ☐ Site Reclamation (Photo Documentation)  
☐ Soil Backfilling and Cover Installation  
☐ Re-vegetation Application Rates and Seeding Technique

24.

**Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- ☒ Proof of Closure Notice (surface owner and division)  
☐ Proof of Deed Notice (required for on-site closure)  
☐ Plot Plan (for on-site closures and temporary pits)  
☒ Confirmation Sampling Analytical Results (if applicable)  
☐ Waste Material Sampling Analytical Results (required for on-site)  
☒ 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

25.

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): James McDaniel, CHMM #15676 Title: EH&S Supervisor

Signature: [Signature] Date: 9/8/11

E-mail address: James.McDaniel@xtaenergy.com Telephone: 505-333-3701

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

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

Form C-141  
Revised October 10, 2003

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

**Release Notification and Corrective Action**

**OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: James McDaniel	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3701	
Facility Name: Fullerton Federal 24 #43 (30-045-29181)	Facility Type: Gas Well (Pictured Cliffs)	
Surface Owner: Federal	Mineral Owner:	Lease No.:

**LOCATION OF RELEASE**

Unit Letter I	Section 24	Township 27N	Range 11W	Feet from the 1710	North/South Line FSL	Feet from the 985	East/West Line FEL	County San Juan
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Latitude: 36.5538 Longitude: -107.9425

**NATURE OF RELEASE**

Type of Release: None	Volume of Release: NA	Volume Recovered: NA
Source of Release: NA	Date and Hour of Occurrence: NA	Date and Hour of Discovery: NA
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*


Describe Cause of Problem and Remedial Action Taken.\*

The below grade tank was taken out of service at the Fullerton Federal 24 #43 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, benzene, total BTEX and the total chlorides, confirming that a release has not occurred at this location.

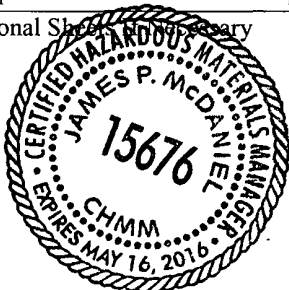
Describe Area Affected and Cleanup Action Taken.\*

No release has been confirmed for this location.

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.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: James McDaniel, CHMM #15676	Approved by District Supervisor:	
Title: EH&S Supervisor	Approval Date:	Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9/8/2011	Phone: 505-333-3701	

\* Attach Additional Sheet if Necessary



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

**Lease Name: Fullerton Federal 24 #43**

**API No.: 30-045-29181**

**Description: Unit I, Section 24, Township 27N, Range 11W, 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**

1. 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.  
**Closure Date is July 5, 2011**
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 July 5, 2011**
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 Fullerton Federal 24 #43 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	<b>ND mg/kg</b>
BTEX	EPA SW-846 8021B or 8260B	50	<b>ND mg/kg</b>
TPH	EPA SW-846 418.1	100	<b>62 mg/kg</b>
Chlorides	EPA 300.1	250 or background	<b>ND mg/kg</b>

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.

**No release has been confirmed at this location**

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 June 28, 2011; 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 June 29, 2011; 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 location has been recontoured to match the above 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 has been 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; **attached**
  - 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**
15. This closure report is being submitted after the 60 day deadline required by the 'Pit Rule' due to a unforeseen delay on final reclamation of this well site. This delay was due to the pipeline riser not being removed by the gathering company in a timely fashion.

COVER LETTER

Tuesday, July 05, 2011

James McDaniel  
XTO Energy  
382 County Road 3100  
Aztec, NM 87410

TEL: (505) 787-0519

FAX (505) 333-3280

RE: Fullerton Federal 24-43

Order No.: 1106C16

Dear James McDaniel:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 6/30/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

  
Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901  
AZ license # AZ0682



**Hall Environmental Analysis Laboratory, Inc.**

Date: 05-Jul-11

Analytical Report

**CLIENT:** XTO Energy  
**Lab Order:** 1106C16  
**Project:** Fullerton Federal 24-43  
**Lab ID:** 1106C16-01

**Client Sample ID:** BGT Closure  
**Collection Date:** 6/29/2011 9:40:00 AM  
**Date Received:** 6/30/2011  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: JB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/30/2011 12:48:22 PM
Surr: DNOP	105	73.4-123		%REC	1	6/30/2011 12:48:22 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2011 12:56:11 PM
Surr: BFB	80.5	75.2-136		%REC	1	6/30/2011 12:56:11 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.050		mg/Kg	1	6/30/2011 12:56:11 PM
Toluene	ND	0.050		mg/Kg	1	6/30/2011 12:56:11 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2011 12:56:11 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/30/2011 12:56:11 PM
Surr: 4-Bromofluorobenzene	84.6	92-130	S	%REC	1	6/30/2011 12:56:11 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: LJB
Chloride	ND	15		mg/Kg	10	6/30/2011 12:44:45 PM
<b>EPA METHOD 418.1: TPH</b>						Analyst: JB
Petroleum Hydrocarbons, TR	62	20		mg/Kg	1	6/30/2011

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level  
E Estimated value  
J Analyte detected below quantitation limits  
NC Non-Chlorinated  
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

## QA/QC SUMMARY REPORT

Client: XTO Energy  
Project: Fullerton Federal 24-43

Work Order: 1106C16

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
<b>Method: EPA Method 300.0: Anions</b>											
Sample ID: 1106C16-01BMSD		MSD									
Chloride	24.98	mg/Kg	15	24.99	0	100	79.6	112	1.53	20	
Sample ID: MB-27441		MBLK									
Chloride	ND	mg/Kg	1.5								
Sample ID: LCS-27441		LCS									
Chloride	24.20	mg/Kg	1.5	24.99	0	96.9	90	110			
Sample ID: 1106C16-01BMS		MS									
Chloride	25.37	mg/Kg	15	24.99	0	102	79.6	112			
<b>Method: EPA Method 418.1: TPH</b>											
Sample ID: MB-27432		MBLK									
Petroleum Hydrocarbons, TR	ND	mg/Kg	20								
Sample ID: LCS-27432		LCS									
Petroleum Hydrocarbons, TR	105.8	mg/Kg	20	100	0	106	81.4	118			
Sample ID: LCSD-27432		LCSD									
Petroleum Hydrocarbons, TR	111.4	mg/Kg	20	100	0	111	81.4	118	5.14	8.58	
<b>Method: EPA Method 8015B: Diesel Range Organics</b>											
Sample ID: MB-27431		MBLK									
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-27431		LCS									
Diesel Range Organics (DRO)	51.29	mg/Kg	10	50	0	103	66.7	119			
Sample ID: LCSD-27431		LCSD									
Diesel Range Organics (DRO)	54.65	mg/Kg	10	50	0	109	66.7	119	6.34	18.9	
<b>Method: EPA Method 8015B: Gasoline Range</b>											
Sample ID: 1106C16-01A MSD		MSD									
Gasoline Range Organics (GRO)	26.70	mg/Kg	5.0	24.51	2.441	99.0	57.7	165	2.94	15.5	
Sample ID: 1106C16-01A MS		MS									
Gasoline Range Organics (GRO)	25.93	mg/Kg	5.0	24.51	2.441	95.8	57.7	165			

## Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

## QA/QC SUMMARY REPORT

Client: XTO Energy  
 Project: Fullerton Federal 24-43

Work Order: 1106C16

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
---------	--------	-------	-----	--------	---------	------	----------	-----------	------	----------	------

Method: EPA Method 8021B: Volatiles

Sample ID: 1106C16-01A MSD

MSD

Batch ID: R46256

Analysis Date: 7/1/2011 12:09:00 AM

Methyl tert-butyl ether (MTBE)	0.9939	mg/Kg	0.10	0.980	0	101	61.3	215	2.53	19.6	
Benzene	0.9980	mg/Kg	0.050	0.980	0.0175	100	67.2	113	0.344	14.3	
Toluene	0.8928	mg/Kg	0.050	0.980	0	91.1	62.1	116	1.02	15.9	
Ethylbenzene	0.9546	mg/Kg	0.050	0.980	0	97.4	67.9	127	0.980	14.4	
Xylenes, Total	3.013	mg/Kg	0.10	2.941	0	102	60.6	134	2.28	12.6	

Sample ID: 1106C16-01A MS

MS

Batch ID: R46256

Analysis Date: 6/30/2011 11:38.51 PM

Methyl tert-butyl ether (MTBE)	0.9691	mg/Kg	0.10	0.980	0	98.9	61.3	215			
Benzene	0.9946	mg/Kg	0.050	0.980	0.0175	99.7	67.2	113			
Toluene	0.9019	mg/Kg	0.050	0.980	0	92.0	62.1	116			
Ethylbenzene	0.9453	mg/Kg	0.050	0.980	0	96.4	67.9	127			
Xylenes, Total	2.945	mg/Kg	0.10	2.941	0	100	60.6	134			

## Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

## Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

6/30/2011

Work Order Number 1106C16

Received by: MMG

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name: Greyhound

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒

No ☐

Not Present ☐

Not Shipped ☐

Custody seals intact on sample bottles?

Yes ☒

No ☐

N/A ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - Preservation labels on bottle and cap match?

Yes ☐

No ☐

N/A ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

2.4°

<6° C Acceptable

If given sufficient time to cool.

Number of preserved bottles checked for pH:

<2 >12 unless noted below.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

<b>Chain-of-Custody Record</b>		Turn-Around Time: 6/30	
Client: XTO		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush <u>NXT DAY</u> WORK	
Mailing Address: 382 PO BOX 3100		Project Name: FULLERTON FEDERAL 24-43	
AZTEC, NM		Project #: BLO CLOSURE	
Phone #: 505-787-0519		Project Manager: JAMES MCDANIEL	
email or Fax#: james.mcdaniel@xtoenergy.com			
QA/QC Package:			
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)			
Accreditation		Sampler: BRAD GRIFFIN	
<input type="checkbox"/> NELAP <input type="checkbox"/> Other _____		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> EDD (Type)		Sample Temperature: 24°	

6/30

## Rush NEXT DAY VERBS

FULLERTON FEDERAL 24-43

Blot CLOSURE

JAMES McDANIEL

Sampler: Brian Griffin

On Ice: ☒ Yes ☐ No

Sample Temperature: 23.4°

Container  
Type and #  
Moffitt

Preservative Type	Concentration (%)	Storage Time (Days)	pH	Turbidity (NTU)	Total Solids (mg/L)	Bacterial Count (CFU/mL)	Fungal Count (CFU/g)
Sodium Chloride	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>
Potassium Dichromate	0.5	7	6.9	1.5	180	1.8 x 10 <sup>6</sup>	3.0 x 10 <sup>4</sup>
Sulfuric Acid	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Silver Nitrate	0.5	7	6.9	1.3	160	1.6 x 10 <sup>6</sup>	2.8 x 10 <sup>4</sup>
Sodium Hydroxide	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Copper Sulfate	0.5	7	6.7	1.4	170	1.7 x 10 <sup>6</sup>	2.9 x 10 <sup>4</sup>
Zinc Oxide	0.5	7	6.8	1.3	160	1.6 x 10 <sup>6</sup>	2.7 x 10 <sup>4</sup>
Calcium Hydroxide	0.5	7	6.9	1.1	140	1.4 x 10 <sup>6</sup>	2.1 x 10 <sup>4</sup>
Mercuric Chloride	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>
Nitric Acid	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Phosphoric Acid	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Hydrochloric Acid	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Sulfur Dioxide	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Sodium Hypochlorite	0.5	7	6.9	1.3	160	1.6 x 10 <sup>6</sup>	2.8 x 10 <sup>4</sup>
Potassium Permanganate	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>
Iodine Solution	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Chlorine Dioxide	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Ozone Gas	0.5	7	6.9	1.3	160	1.6 x 10 <sup>6</sup>	2.8 x 10 <sup>4</sup>
UV Radiation	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>
Gamma Rays	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
X-ray Radiation	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Microwave Radiation	0.5	7	6.9	1.3	160	1.6 x 10 <sup>6</sup>	2.8 x 10 <sup>4</sup>
Infrared Radiation	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>
Radioactive Isotopes	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Acetic Acid	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Formic Acid	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Benzoic Acid	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Salicylic Acid	0.5	7	6.9	1.3	160	1.6 x 10 <sup>6</sup>	2.8 x 10 <sup>4</sup>
Ascorbic Acid	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>
Vitamin C	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Vitamin E	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Vitamin K	0.5	7	6.9	1.3	160	1.6 x 10 <sup>6</sup>	2.8 x 10 <sup>4</sup>
Vitamin B1	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>
Vitamin B2	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Vitamin B3	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Vitamin B6	0.5	7	6.9	1.3	160	1.6 x 10 <sup>6</sup>	2.8 x 10 <sup>4</sup>
Vitamin B12	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>
Vitamin A	0.5	7	6.7	1.0	120	1.2 x 10 <sup>6</sup>	2.0 x 10 <sup>4</sup>
Vitamin D	0.5	7	6.8	1.1	140	1.4 x 10 <sup>6</sup>	2.2 x 10 <sup>4</sup>
Vitamin F	0.5	7	6.9	1.3	160	1.6 x 10 <sup>6</sup>	2.8 x 10 <sup>4</sup>
Vitamin H	0.5	7	6.8	1.2	150	1.5 x 10 <sup>6</sup>	2.5 x 10 <sup>4</sup>

HEAT No.

1106C16

1

	X	BTEX + MTBE + TMB's (8021)
		BTEX + MTBE + TPH (Gas only)
	X	TPH Method 8015B (Gas/Diesel)
	X	TPH (Method 418.1)
		EDB (Method 504.1)
		8310 (PNA or PAH)
		RCRA 8 Metals
		Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )
		8081 Pesticides / 8082 PCB's
		8260B (VOA)
		8270 (Semi-VOA)
	X	Chlorides
		Air Rubbles (Y or N)

Date:	Time:	Relinquished by:
6/29	1035	Bl GALT

Received by:	Date	Time
Christine Wooten	6/29/11	1035

Date:	Time:	Relinquished by:
6/29/11	1714	Christi Waelen

Received by: Mehmet Caglar Date: 10/30/11 Time: 8:20

Remarks:

Email verbal results to  
James McConnel



James McDaniel /FAR/CTOC  
06/28/2011 02:46 PM

To brandon.powell@state.nm.us  
cc  
bcc  
Subject Fullerton Federal 24 #43 BGT Closure

Brandon,

Please accept this email as the required notice for BGT closure activities at the Fullerton Federal 24 #43 (API # 30-045-29181) located in Unit I, Section 24, Township 27N, Range 11W, San Juan County, New Mexico. This BGT is being closed due to the plugging and abandoning of this well location. Thank you for your time in regards to this matter.



*James McDaniel, CHMM #15676*

**EH&S Supervisor**

**XTO Energy, Inc.**

Office # 505-333-3701

Cell # 505-787-0519

James.McDaniel@xtoenergy.com



June 28, 2011

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

Re: Fullerton Federal 24.#43 – API # 30-045-29181  
Unit M, Section 10, Township 27N, Range 10W, San Juan County, New Mexico

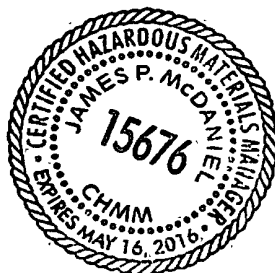
Dear Mr. Kelly,

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 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, CHMM #15676  
EH&S Supervisor  
XTO Energy, Inc.  
San Juan Division



7010 1870 0003 3184 0492

U.S. Postal Service <b>CERTIFIED MAIL™ RECEIPT</b> (Domestic Mail Only; No Insurance Coverage Provided)	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
<b>OFFICIAL USE</b>	
Postage \$	
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	BLM-FFO MARK KELLY 1235 LA PLATA HWY FARMINGTON NM 87401 <i>James McDaniel</i>
Sent To Street, Apt. No. or PO Box No. City, State, Zip	
PS Form 3800, August 2006 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature X <i>Charles D. Lee</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:  BLM-FFO MARK KELLY 1235 LA PLATA HWY FARMINGTON NM 87401	B. Received by (Printed Name) <i>Charles D. Lee</i> C. Date of Delivery <i>6/30/11</i>
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:
2. Article Number (Transfer from service label) <b>7010 1870 0003 3184 0492</b>	3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540	

XTO Energy, Inc.  
Fullerton Federal 24 #43  
Section 24, Township 27N, Range 11W  
Closure Date: 7/5/2011



Photo 1: Fullerton Federal 24 #43 after Reclamation (View 1)

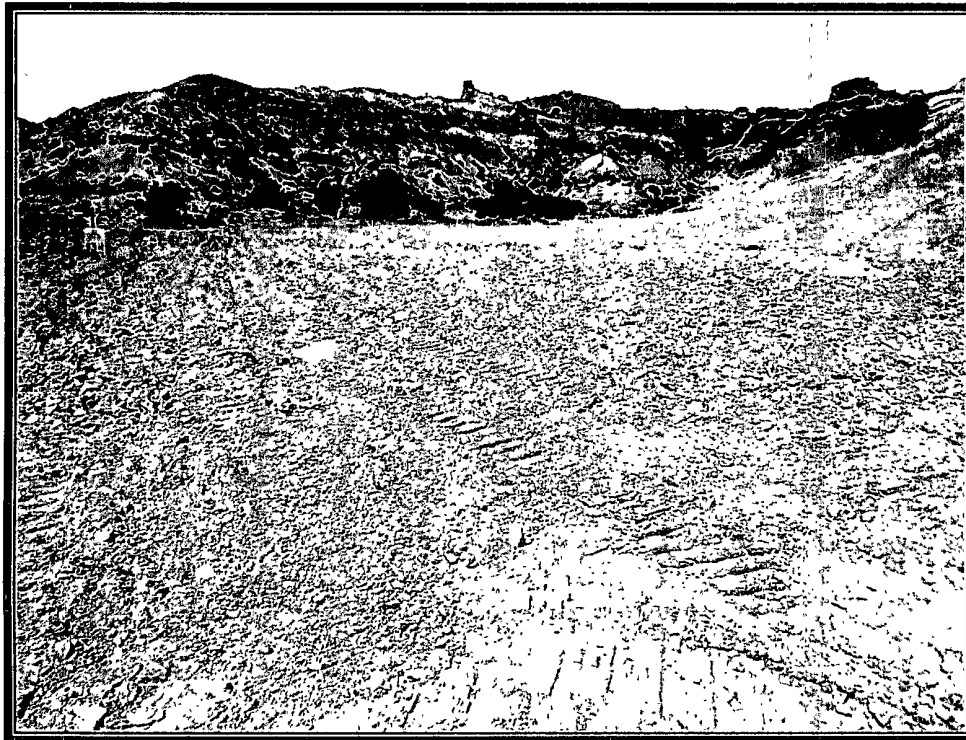


Photo 2: Fullerton Federal 24 #43 after Reclamation (View 2)



# Well Below Tank Inspection Report

RouteName		StopName	Pumper		Foreman	WellName			APIWellNumber		Section	Range	Township
FAR NM Run 59B		FULLERTON FEDERAL			Lancaster, Rex	Sanders, David	FULLERTON FED 024 43 (PA)			3004529181	24	11W	27N
InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes		
rex	08/06/2008	00:00:00	No	No	No	No	No	5					
REX	09/11/2008	10 00	No	No	No	No	No	5					
REX	10/17/2008	08 00	No	No	No	Yes	No	4	Well Water Pit	Below Ground	0ft 6in		
REX	11/04/2008	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	12/16/2008	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	02/23/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	03/16/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	04/27/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	05/25/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	06/24/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	07/30/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	08/20/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	09/19/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	10/31/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	11/27/2009	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	01/28/2010	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	02/24/2010	08:15	No	No	No	No	No	5	Well Water Pit	Below Ground	0		
REX	03/26/2010	08:15	No	No	No	No	No	5	Well Water Pit	Below Ground	0		
REX	04/29/2010	08:15	No	No	No	No	No	5	Well Water Pit	Below Ground	0		
REX	05/29/2010	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	06/26/2010	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	08/26/2010	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	09/30/2010	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	10/29/2010	08 15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	12/24/2010	08:15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	01/22/2011	08 15	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	02/25/2011	08:15	No	No	No	No	No	5	Well Water Pit	Below Ground	0		
REX	03/19/2011	08 15	No	No	No	No	No	5	Well Water Pit	Below Ground	0		
REX	04/21/2011	08 15	No	No	No	No	No	5	Well Water Pit	Below Ground	0		
REX	05/18/2011	11 00	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	06/16/2011	11 00	No	No	No	No	No	6	Well Water Pit	Below Ground	0		
REX	07/19/2011	11 00	No	No	No	No	No	6	Well Water Pit	Below Ground	0		