

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**

- 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: XTO Energy, Inc. OGRID #: 5380  
Address: 382 Road 3100, Aztec, New Mexico 87410  
Facility or well name: JF Bell #5  
API Number: 30-045-32327 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr H Section 10 Township 30N Range 13W County: San Juan  
Center of Proposed Design: Latitude N 36.83075 Longitude W -108.18554 NAD: ☐ 1927 ☒ 1983  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ 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 \_\_\_\_\_

PROD KAR 26 '14  
OIL CONS. DIV.  
DIST. 3

3.  
☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC  
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or 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: Steel  
☐ 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 \_\_\_\_\_

OIL CONS. DIV DIST. 3

JUN 16 2014

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.

2

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 indentify 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

☐ Yes ☐ No  
☐ 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

☐ Yes ☐ No  
☐ NA

Ground water is more than 100 feet below the bottom of the buried waste.

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☐ No  
☐ NA

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa 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

☐ Yes ☐ No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within the area overlying a subsurface mine.

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☐ No

Within an unstable area.

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

☐ Yes ☐ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☐ No

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): Logan HixonTitle: EHS CoordinatorSignature: Logan HixonDate: March 25, 2014E-mail address: Logan\_Hixon@xtoenergy.comTelephone: 505-333-3683

20.

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

OCD Representative Signature: Jonathan D. KellyApproval Date: 6/18/2014Title: 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: 5-6-14

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 identify 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 closure)  
☒ Disposal Facility Name and Permit Number  
☒ Soil Backfilling and Cover Installation  
☒ Re-vegetation Application Rates and Seeding Technique  
☒ Site Reclamation (Photo Documentation)  
☐ On-site Closure Location: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

NAD: ☐ 1927 ☐ 1983

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): Logan HixonTitle: EHS CoordinatorSignature: Log HDate: 6-12-14E-mail address: Logan.Hixon@Xtoenergy.comTelephone: (505) 333-3160

District I  
1625 N. French Dr., Hobbs, NM 88240  
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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 August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

### Release Notification and Corrective Action

#### OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: Logan Hixon	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683	
Facility Name: JF Bell #5	Facility Type: Gas Well (Fruitland Coal)	
Surface Owner: Federal Land	Mineral Owner	API No. 30-045-32327

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	10	30 N	13W	1435	FNL	770	FEL	San Juan

Latitude: N36\*.83075 Longitude: W-108\*.18554

#### NATURE OF RELEASE

Type of Release: N/A	Volume of Release:	Volume Recovered:
Source of Release: N/A	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: N/A
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
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 JF Bell #5 well site due to the P&A'ing 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.		

#### OIL CONSERVATION DIVISION

Signature: <i>Logan Hixon</i>	Approved by Environmental Specialist:	
Printed Name: Logan Hixon		
Title: EHS Coordinator	Approval Date:	Expiration Date:
E-mail Address: Logan_Hixon@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6-12-14	Phone: 505-333-3683	

\* Attach Additional Sheets If Necessary

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

**Lease Name: JF Bell #5**

**API No.: 30-045-32327**

**Description: Unit H, Section 10, Township 30N, Range 13W, San Jun 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 May 6, 2014.**
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 May 6, 2014.**
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 JF Bell #5 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	< 0.0028 mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	< 0.0420 mg/kg
TPH	EPA SW-846 418.1	100	< 19.9 mg/kg
Chlorides	EPA 300.1	250 or background	< 11.0 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.

**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 March 11, 2014; 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 March 11, 2014 via email. Email has been approved as a means of surface owner notification to the BLM by Brandon Powell, NMOCD Aztec Office.**



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.  
**Site 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. The closure date is past the one week notification requirement date due to unforeseen delays in the P&A operations at this well site.



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Est. 1970

Logan Hixon  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

### Report Summary

Wednesday March 12, 2014

Report Number: L686745

Samples Received: 03/07/14

Client Project: 30-045-32327

Description: JF Bell 5

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:

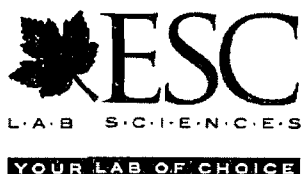
Daphne Richards , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

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# REPORT OF ANALYSIS

Logan Hixon  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

March 12, 2014

Date Received : March 07, 2014  
Description : JF Bell 5

ESC Sample # : L686745-01

Sample ID : FARLH-030614-1030

Site ID :

Collected By : Logan Hixon  
Collection Date : 03/06/14 10:30

Project # : 30-045-32327

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	BDL	11.	mg/kg	9056	03/12/14	1
Total Solids	89.6		%	2540 G-2011	03/11/14	1
Benzene	BDL	0.0028	mg/kg	8021/8015	03/09/14	5
Toluene	BDL	0.028	mg/kg	8021/8015	03/09/14	5
Ethylbenzene	BDL	0.0028	mg/kg	8021/8015	03/09/14	5
Total Xylene	BDL	0.0084	mg/kg	8021/8015	03/09/14	5
TPH (GC/FID) Low Fraction	BDL	0.56	mg/kg	GRO	03/09/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	98.7		% Rec.	8021/8015	03/09/14	5
a,a,a-Trifluorotoluene(PID)	103.		% Rec.	8021/8015	03/09/14	5
TPH (GC/FID) High Fraction	BDL	4.5	mg/kg	3546/DRO	03/09/14	1
Surrogate recovery(%)						
o-Terphenyl	106.		% Rec.	3546/DRO	03/09/14	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 03/12/14 13:50 Printed: 03/12/14 13:50

Attachment A  
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L686745-01	WG709917	SAMP	TPH (GC/FID) High Fraction	R2891638	J3

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
03/12/14 at 13:50:42

TSR Signing Reports: 288  
R5 - Desired TAT

Domestic Water Well Sampling-see L609759 Lobato for tests EDD's on ALL projects email James,  
Kurt and Logan all reports

Sample: L686745-01 Account: XTORNM Received: 03/07/14 09:30 Due Date: 03/14/14 00:00 RPT Date: 03/12/14 13:50



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XTO Energy - San Juan Division  
Logan Hixon  
382 County Road 3100  
Aztec, NM 87410

Quality Assurance Report  
Level II

L686745

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March 12, 2014

Analyte	Result	Laboratory Blank Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG709830	03/08/14 23:05
Ethylbenzene	< .0005	mg/kg			WG709830	03/08/14 23:05
Toluene	< .005	mg/kg			WG709830	03/08/14 23:05
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG709830	03/08/14 23:05
Total Xylene	< .0015	mg/kg			WG709830	03/08/14 23:05
a,a,a-Trifluorotoluene (FID)		% Rec.	100.0	59-128	WG709830	03/08/14 23:05
a,a,a-Trifluorotoluene (PID)		% Rec.	105.0	54-144	WG709830	03/08/14 23:05
TPH (GC/FID) High Fraction	< 4	mg/kg			WG709917	03/09/14 12:53
o-Terphenyl		% Rec.	95.50	50-150	WG709917	03/09/14 12:53
Total Solids	< .1	%			WG709812	03/11/14 06:48
Chloride	< 10	mg/kg			WG710186	03/11/14 22:13

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	88.4	89.7	1.39	5	L686727-18	WG709812
Chloride	mg/kg	32.0	0.0	NA	20	L686134-07	WG710186
Chloride	mg/kg	250.	240.	4.08	20	L686734-01	WG710186

Analyte	Units	Laboratory Control Sample Known Val Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0507	101.	WG709830
Ethylbenzene	mg/kg	.05	0.0518	104.	WG709830
Toluene	mg/kg	.05	0.0516	103.	WG709830
Total Xylene	mg/kg	.15	0.159	106.	WG709830
a,a,a-Trifluorotoluene (PID)				104.0	WG709830
TPH (GC/FID) Low Fraction	mg/kg	5.5	4.73	86.1	WG709830
a,a,a-Trifluorotoluene (FID)				101.0	WG709830
TPH (GC/FID) High Fraction	mg/kg	60	49.3	82.2	WG709917
o-Terphenyl				84.80	WG709917
Total Solids	%	50	50.0	100.	WG709812
Chloride	mg/kg	200	209.	105.	WG710186

Analyte	Units	Laboratory Control Sample Duplicate Result Ref %Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0528	0.0507	106.	70-130	WG709830
Ethylbenzene	mg/kg	0.0535	0.0518	107.	70-130	WG709830
Toluene	mg/kg	0.0532	0.0516	106.	70-130	WG709830
Total Xylene	mg/kg	0.164	0.159	109.	70-130	WG709830
a,a,a-Trifluorotoluene (PID)				104.0	54-144	WG709830
TPH (GC/FID) Low Fraction	mg/kg	4.75	4.73	86.0	63.5-137	WG709830
a,a,a-Trifluorotoluene (FID)				101.0	59-128	WG709830

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Logan Hixon  
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report  
Level II

L686745

March 12, 2014

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	60.9	49.3	101. 109.0	50-150 50-150	21.0*	20	WG709917 WG709917
Chloride	mg/kg	208.	209.	104.	80-120	0.480	20	WG710186

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Benzene	mg/kg	0.260	0.00542	.05	100.	49.7-127	L686730-01	WG709830
Ethylbenzene	mg/kg	0.258	0.00330	.05	100.	40.8-141	L686730-01	WG709830
Toluene	mg/kg	0.261	0.00142	.05	100.	49.8-132	L686730-01	WG709830
Total Xylene	mg/kg	0.793	0.0159	.15	100.	41.2-140	L686730-01	WG709830
a,a,a-Trifluorotoluene(PID)					103.0	54-144		WG709830
TPH (GC/FID) Low Fraction	mg/kg	19.7	0.0441	5.5	72.0	28.5-138	L686730-01	WG709830
a,a,a-Trifluorotoluene(FID)					99.90	59-128		WG709830
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	116.	74.0	60	69.0 83.60	50-150 50-150	L686734-01	WG709917 WG709917
Chloride	mg/kg	488.	0.0	500	98.0	80-120	L686741-01	WG710186

Analyte	Units	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec					
Benzene	mg/kg	0.250	0.260	97.8	49.7-127	3.97	23.5	L686730-01	WG709830
Ethylbenzene	mg/kg	0.244	0.258	96.5	40.8-141	5.54	23.8	L686730-01	WG709830
Toluene	mg/kg	0.247	0.261	98.2	49.8-132	5.53	23.5	L686730-01	WG709830
Total Xylene	mg/kg	0.750	0.793	97.8	41.2-140	5.64	23.7	L686730-01	WG709830
a,a,a-Trifluorotoluene(PID)				102.0	54-144				WG709830
TPH (GC/FID) Low Fraction	mg/kg	19.6	19.7	71.0	28.5-138	0.840	23.6	L686730-01	WG709830
a,a,a-Trifluorotoluene(FID)				99.10	59-128				WG709830
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	149.	116.	124. 104.0	50-150 50-150	25.1*	20	L686734-01	WG709917 WG709917
Chloride	mg/kg	493.	488.	98.6	80-120	1.02	20	L686741-01	WG710186

Batch number /Run number / Sample number cross reference

WG709830: R2891435: L686745-01  
WG709917: R2891638 R2892168: L686745-01  
WG709812: R2891923: L686745-01  
WG710186: R2892448: L686745-01

\* \* 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.'





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XTO Energy - San Juan Division  
Logan Hixon  
382 County Road 3100

Quality Assurance Report  
Level II

Aztec, NM 87410

L686745

March 12, 2014

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.



Quote Number

Page 1 of 1

Analysis

Lab Information

XTO Contact

Logan

XTO Contact Phone #

505 386-8018

Email Results to:

Hurt, Logan, James

API Number

30-645-32327

Test Reason

Dgt Closure

Samples on Ice

(Y/N)

Turnaround

QA/QC Requested

☒ Standard

☐ Next Day

☐ Two Day

☐ Three Day

☐ Std. 5 Bus. Days (by contract)

Date Needed

Gray Areas for Lab Use Only!

Well Site/Location

JF Bell 5

Collected By

Logan Hixon

Company

XTO

Signature

Logan Hixon

Office Abbreviations

Farmington = FAR

Durango = DUR

Bakken = BAK

Raton = RAT

Piceance = PC

Roosevelt = RSV

La Barge = LB

Orangeville = OV

D126

Sample ID

Sample Name

Media

Date

Time

Preservative

No. of  
Conts.

FARLLH-036614-1030

Dgt CAMP

S

10-30

10:30

Cool

1-467

X 8015 (CORA + GSO)

X 8021 (GT EX)

X Chlorides

Sample Number

21

Media: Filter = F Soil = S Wastewater = WW Groundwater = GW Drinking Water = DW Sludge = SG Surface Water = SW Air = A Drill Mud = DM Other = OT

Relinquished By: (Signature)

Logan Hixon

Date:

3-6-14

Time:

11:00

Received By: (Signature)

Number of Bottles

Sample Condition

Relinquished By: (Signature)

Date:

Time:

Received By: (Signature)

Temperature:

1.8°C

Other Information

Relinquished By: (Signature)

Date:

Time:

Received for Lab by: (Signature)

Date:

3-7-14

Time:

0930

Comments

5241006359339 1402

02

\* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

OK 0360



## Analytical Report

### Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0359

Samples Received: 3/6/2014 1:44:00PM

Job Number: 98031-0528

Work Order: P403016

Project Name/Location: JF Bell 5

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read "Tim Cain", is written over a horizontal line.

Tim Cain, Laboratory Manager

Date: 3/12/14

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410

Project Name: JF Bell 5  
Project Number: 98031-0528  
Project Manager: Logan Hixon

Reported:  
12-Mar-14 14:53

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Com	P403016-01A	Soil	03/06/14	03/06/14	Glass Jar, 4 oz.

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envirotech-inc.com  
laboratory@envirotech-inc.com



XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410

Project Name: JF Bell 5  
Project Number: 98031-0528  
Project Manager: Logan Hixon

**Reported:**  
12-Mar-14 14:53

**BGT Com**  
**P403016-01 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

**Total Petroleum Hydrocarbons by 418.1**

Total Petroleum Hydrocarbons	ND	19.9	mg/kg	1	1411012	03/12/14	03/12/14	EPA 418.1
------------------------------	----	------	-------	---	---------	----------	----------	-----------

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laboratory@envirotech-inc.com



XTO Energy Inc.	Project Name:	JF Bell 5	Reported: 12-Mar-14 14:53
382 CR 3100	Project Number:	98031-0528	
Aztec NM, 87410	Project Manager:	Logan Hixon	

### Total Petroleum Hydrocarbons by 418.1 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1411012 - 418 Freon Extraction</b>										
<b>Blank (1411012-BLK1)</b>				Prepared & Analyzed: 12-Mar-14						
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
<b>Duplicate (1411012-DUP1)</b>				Source: P403014-01 Prepared & Analyzed: 12-Mar-14						
Total Petroleum Hydrocarbons	28.0	20.0	mg/kg		24.0			15.5	30	
<b>Matrix Spike (1411012-MS1)</b>				Source: P403014-01 Prepared & Analyzed: 12-Mar-14						
Total Petroleum Hydrocarbons	1840	20.0	mg/kg	2000	24.0	91.0	80-120			

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XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410


Project Name: JF Bell 5  
Project Number: 98031-0528  
Project Manager: Logan Hixon

**Reported:**  
12-Mar-14 14:53

#### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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	Quote Number		Page <u>1</u> of <u>1</u>		<b>Analysis</b> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>				<b>Lab Information</b>  <u>98031-0528</u>  <b>Office Abbreviations</b> Farmington = FAR Durango = DUR Bakken = BAK Raton = RAT Piceance = PC Roosevelt = RSV La Barge = LB Orangeville = OV			
	XTO Contact		XTO Contact Phone # <u>SOS 386-8018</u>									
	Email Results to: <u>Logan, Kurt, Janes</u>											
Well Site/Location <u>JF Bell S</u>		API Number <u>30-045-72227</u>		Test Reason <u>Bgt Closure</u>		<div style="border: 1px solid black; height: 100px; width: 100%;"></div>						
Collected By <u>Logan H.</u>		Samples on Ice <u>(Y/N)</u>		Turnaround								
Company <u>XTO</u>		QA/QC Requested		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Next Day <input type="checkbox"/> Two Day <input type="checkbox"/> Three Day <input type="checkbox"/> Std. 5 Bus. Days (by contract)								
Signature <u>[Signature]</u>		Gray Areas for Lab Use Only!		Date Needed _____								
Sample ID	Sample Name	Media	Date	Time	Preservative	No. of Conts.	<div style="border: 1px solid black; height: 100px; width: 100%;"></div>				<b>Sample Number</b>  <u>9403016-01</u>	
<u>FARLH-030614-1030</u>	<u>Dgt Com</u>	<u>S</u>	<u>3-6</u>	<u>1030</u>	<u>COOL</u>	<u>1-40</u>						
Media : Filter = F Soil = S Wastewater = WW Groundwater = GW Drinking Water = DW Sludge = SG Surface Water = SW Air = A Drill Mud = DM Other = OT												
Relinquished By: (Signature) <u>[Signature]</u>		Date: <u>3-6-14</u>		Time: <u>13:00</u>		Received By: (Signature) <u>[Signature]</u>		Number of Bottles		<b>Sample Condition</b>  <b>Other Information</b>		
Relinquished By: (Signature)		Date:		Time:		Received By: (Signature)		Temperature:				
Relinquished By: (Signature)		Date:		Time:		Received for Lab by: (Signature) <u>[Signature]</u>		Date: <u>3/6/14</u> Time: <u>1344</u>				
Comments <u>23.7°C</u>												

\* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

0359



## Hoekstra, Kurt

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**From:** Hoekstra, Kurt  
**Sent:** Tuesday, March 11, 2014 1:42 PM  
**To:** Brandon Powell (brandon.powell@state.nm.us)  
**Subject:** BGT Closure JF Bell # 5

Brandon,

Please accept this email as the required 72 hour notification for BGT closure activities at the JF Bell # 5 well site API # (30-045-32327) located in Unit H, Section 10, Township 30N, Range 13W, San Juan County, New Mexico. This BGT is being closed due to the P & A of this location.

Thank you for your time in regards to this matter.

Kurt Hoekstra  
EHS Coordinator  
XTO Energy  
505-333-3202 Office  
505-486-9543 Cell  
[Kurt\\_Hoekstra@xtoenergy.com](mailto:Kurt_Hoekstra@xtoenergy.com)

## Hoekstra, Kurt

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**From:** Hoekstra, Kurt  
**Sent:** Tuesday, March 11, 2014 1:40 PM  
**To:** Mark Kelly (Mark\_Kelly@blm.gov)  
**Subject:** BGT Closure JF Bell # 5

Mark Kelly,

Please accept this email as the required 72 hour notification for BGT closure activities at the JF Bell # 5 well site API # (30-045-32327) located in Unit H, Section 10, Township 30N, Range 13W, San Juan County, New Mexico. This BGT is being closed due to the P & A of this location.

Thank you for your time in regards to this matter.

Kurt Hoekstra  
EHS Coordinator  
XTO Energy  
505-333-3202 Office  
505-486-9543 Cell  
[Kurt\\_Hoekstra@xtoenergy.com](mailto:Kurt_Hoekstra@xtoenergy.com)



# Well Below Tank Inspection Report

RouteName	StopName			Pumper	Foreman	WellName			APIWellNumber	Section	Range	Township
Below Grade Pit Forms (Temp.)	Jf bell 5			Blackburn, Shawn	Unassigned	JF BELL 05 (PA)			3004532327	10	13W	30N
InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes	
Shane Durham	08/13/2008	09:46	No	No	No	Yes	No	4				
Joseph Maestas	09/14/2008	12:24	No	No	No	Yes	No	4				
Joseph Maestas	10/05/2008	01:23	No	No	No	Yes	No	4	Well Water	Below Ground		
Joseph Maestas	11/01/2008	12:01	No	No	No	Yes	No	3	Well Water	Below Ground		
Joseph Maestas	12/05/2008	14:47	No	No	No	Yes	No	2	Well Water	Below Ground		
Joseph Maestas	02/10/2009	15:00	No	No	No	Yes	No	3	Well Water	Below Ground		
Joseph Maestas	04/28/2009	15:30	No	No	No	Yes	No	2	Well Water	Below Ground		
Joseph Maestas	06/10/2009	13:50	No	No	No	Yes	No	3	Well Water	Below Ground		
Joseph Maestas	07/13/2009	13:00	No	No	No	Yes	No	4	Well Water	Below Ground		
Joseph Maestas	08/20/2009	14:36	No	No	No	Yes	No	3	Well Water	Below Ground		
Joseph Maestas	09/10/2009	13:22	No	No	No	Yes	No	4	Well Water	Below Ground		
Joseph Maestas	10/29/2009	14:00	No	No	No	Yes	No	2	Well Water	Below Ground		
Joseph Maestas	11/13/2009	12:36	No	No	No	Yes	No	4	Well Water	Below Ground		
Chad Magee	12/22/2009	14:39	No	No	No	Yes	No	5	Well Water	Below Ground		
JOSEPH MAESTAS	01/31/2010	11:00	No	No	No	Yes	No	4	Well Water	Below Ground		
alonso m	02/11/2010	02:00	No	No	No	Yes	No	4	Well Water	Below Ground		
alonso m	03/08/2010	10:30	No	No	No	Yes	No	4	Well Water	Below Ground		
chaz w	04/12/2010	01:44	No	No	No	Yes	No	1	Well Water	Below Ground		
alonso m	05/05/2010	10:30	No	No	No	No	No	5	Well Water	Below Ground		
alonso m	06/06/2010	11:20	No	No	No	No	No	4	Well Water	Below Ground		
alonso m	07/10/2010	09:50	No	No	No	No	No	5	Well Water	Below Ground		
alonso m	08/22/2010	01:00	No	No	No	No	No	4	Well Water	Below Ground		
alonso m	09/18/2010	02:30	No	No	No	No	No	5	Well Water	Below Ground		
alonso m	10/09/2010	01:50	No	No	No	No	No	6	Well Water	Below Ground		
alonso m	11/06/2010	02:50	No	No	No	Yes	No	5	Well Water	Below Ground		
am	12/23/2010	01:20	No	No	No	No	No	5	Well Water	Below Ground		
am	01/15/2011	01:45	No	No	No	No	No	4	Well Water	Below Ground		
tc	02/08/2011	15:02	No	No	No	No	No	6	Well Water	Below G tc		
AM	03/05/2011	02:15	No	No	No	No	No	5	Well Water	Below Ground		
AM	04/05/2011	10:15	No	No	No	No	No	5	Well Water	Below Ground		
AM	05/03/2011	01:20	No	No	No	No	No	5	Well Water	Below Ground		
AM	06/03/2011	11:25	No	No	No	No	No	5	Well Water	Below Ground		
AM	07/05/2011	11:30	No	No	No	No	No	5	Well Water	Below Ground		
AM	08/02/2011	03:05	No	No	No	No	No	5	Well Water	Below Ground		
AM	09/05/2011	01:00	No	No	No	No	No	5	Well Water	Below Ground		
AM	10/04/2011	03:00	No	No	No	No	No	5	Well Water	Below Ground		
AM	11/03/2011	02:55	No	No	No	No	No	5	Well Water	Below Ground		
AM	12/09/2011	11:35	No	No	No	No	No	5	Well Water	Below Ground		
AM	01/04/2012	11:10	No	No	No	No	No	5	Well Water	Below Ground		
AM	02/09/2012	01:40	No	No	No	No	No	5	Well Water	Below Ground		
AM	03/07/2012	01:20	No	No	No	No	No	5	Well Water	Below Ground		
AM	04/04/2012	01:17	No	No	No	No	No	5	Well Water	Below Ground		
Scott Johnson	04/24/2012	10:24	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	05/16/2012	01:28	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	06/18/2012	01:10	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	07/25/2012	01:10	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	08/07/2012	12:10	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	09/11/2012	12:10	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	12/18/2012	12:10	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	01/31/2013	12:10	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	02/18/2013	12:10	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	05/14/2013	12:15	No	No	No	No	No	6	Well Water	Below Ground		
Scott Johnson	09/25/2013	12:15	No	No	No	No	No	5	Well Water	Below Ground		
Scott Johnson	10/24/2013	12:15	No	No	No	No	No	6	Well Water	Below Ground		

XTO Energy, Inc.  
JF Bell #5 (30-045-32327)  
Section 10 (H), Township 30N, Range 13W  
Closure Date: May 6, 2014



Photo 1: JF Bell #5 after Reclamation.



Photo 2: JF Bell #5 after Reclamation.

XTO Energy, Inc.  
JF Bell #5 (30-045-32327)  
Section 10 (H), Township 30N, Range 13W  
Closure Date: May 6, 2014



Photo 3: JF Bell #5 after Reclamation.



Photo 4: JF Bell #5 after Reclamation.