

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: <u>XTO Energy, Inc.</u>		OGRID #: <u>5380</u>
Address: <u>382 Road 3100, Aztec, New Mexico 87410</u>		
Facility or well name: <u>JF Day E #1</u>		RCVD JUL 17 '13 OIL CONS. DIV. DIST. 3
API Number: <u>30-045-07442</u>	OCD Permit Number:	
U/L or Qtr/Qtr <u>L</u> Section <u>17</u> Township <u>28N</u> Range <u>10W</u> County: <u>San Juan</u>		
Center of Proposed Design: Latitude <u>N 36.66013</u> Longitude <u>W -107.92526</u>		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		RCVD JUN 19 '13 OIL CONS. DIV. DIST. 3
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: <u>21</u> bbl Type of fluid: <u>Produced Water</u>	
Tank Construction material: <u>Steel</u>	
☐ 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	☐ Yes ☐ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.	☐ Yes ☐ No
Within 500 feet of a wetland.	☐ 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

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 H₂S, 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

☐ 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: 6/10/13E-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: 6/24/2013Title: 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: June 21 2013

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: Logan HDate: 7-9-13E-mail address: Logan-Hixon@xtoenergy.comTelephone: (505) 333-3683

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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: Logan Hixon	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683	
Facility Name: JF Day E #1 (30-045-07442)	Facility Type: Gas Well (Dakota)	
Surface Owner: Federal Land	Mineral Owner:	Lease No.: NMSF-047039B

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	17	28 N	10W	1850	FSL	790	FWL	San Juan

Latitude: 36.66013 Longitude: -107.92526

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? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? N/A	
By Whom?	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ 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 Day E #1 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.

OIL CONSERVATION DIVISION

Signature: *Logan Hixon*

Printed Name: Logan Hixon

Title: Environmental Technician

E-mail Address: Logan_Hixon@xtoenergy.com

Date: *7-9-15*

Phone: 505-333-3683

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

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

Lease Name: JF Day E #1

API No.: 30-045-07442

Description: Unit L, Section 17, Township 28N, Range 10W, 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 June 21, 2013.

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 June 21, 2013.

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 this 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	< 0.0419 mg/kg
TPH	EPA SW-846 418.1	100	46.5 mg/kg
Chlorides	EPA 300.1	250 or background	120 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 June 13, 2013; 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 13, 2013 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 will be 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 will be 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 will be reclaimed pursuant to the BLM MOU.
14. All closure activities will include proper documentation and be available for review upon request and will be submitted in closure report form to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on form C-144 and incorporate the following:
 - i. Proof of closure notice to division and surface owner; **attached**
 - ii. Details on capping and covering, where applicable; **per OCD Specifications**
 - iii. Inspection reports; **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**



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Est. 1970

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

Report Summary

Friday June 07, 2013

Report Number: L638663

Samples Received: 05/31/13

Client Project: 30-045-07442

Description: JF Day E1

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:

Mark W. Beasley, 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

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

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

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

Date Received : May 31, 2013
Description : JF Day El
Sample ID : FARLH-LH-053013-0730
Collected By : Logan Hixon
Collection Date : 05/30/13 07:30

Site ID :

Project # : 30-045-07442

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: 06/07/13 11:36 Printed: 06/07/13 12:11



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REPORT OF ANALYSIS

June 07, 2013

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

ESC Sample # : L638663-02

Date Received : May 31, 2013
Description : JF Day El

Site ID :

Sample ID : FARLH-LH-053013-0745

Project # : 30-045-07442

Collected By : Logan Hixon
Collection Date : 05/30/13 07:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	120	11.	mg/kg	9056	06/03/13	1
Total Solids	89.9	0.100	%	2540 G-2011	06/06/13	1
Benzene	BDL	0.0028	mg/kg	8021/8015	06/03/13	5
Toluene	BDL	0.028	mg/kg	8021/8015	06/03/13	5
Ethylbenzene	BDL	0.0028	mg/kg	8021/8015	06/03/13	5
Total Xylene	BDL	0.0083	mg/kg	8021/8015	06/03/13	5
TPH (GC/FID) Low Fraction	BDL	0.56	mg/kg	GRO	06/03/13	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	104.		% Rec.	8021/8015	06/03/13	5
a,a,a-Trifluorotoluene(PID)	103.		% Rec.	8021/8015	06/03/13	5
TPH (GC/FID) High Fraction	BDL	4.4	mg/kg	3546/DRO	06/06/13	1
Surrogate recovery(%)						
o-Terphenyl	76.7		% Rec.	3546/DRO	06/06/13	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: 06/07/13 11:36 Printed: 06/07/13 12:11



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

Quality Assurance Report
Level II
L638663

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Est. 1970

June 07, 2013

Analyte	Result	Laboratory Blank Units % Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg		WG664242	06/03/13 14:35
Ethylbenzene	< .0005	mg/kg		WG664242	06/03/13 14:35
Toluene	< .005	mg/kg		WG664242	06/03/13 14:35
TPH (GC/FID) Low Fraction	< .1	mg/kg		WG664242	06/03/13 14:35
Total Xylene	< .0015	mg/kg		WG664242	06/03/13 14:35
a,a,a-Trifluorotoluene(FID)		% Rec. 104.0	59-128	WG664242	06/03/13 14:35
a,a,a-Trifluorotoluene(PID)		% Rec. 102.7	54-144	WG664242	06/03/13 14:35
Chloride	< 10	mg/kg		WG664485	06/03/13 19:46
TPH (GC/FID) High Fraction	< 4	mg/kg		WG664742	06/05/13 22:14
o-Terphenyl		% Rec. 77.40	50-150	WG664742	06/05/13 22:14
Total Solids	< .1	%		WG664911	06/06/13 10:00

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	220.	210.	4.65	20	L638847-04	WG664485
Chloride	mg/kg	140.	130.	7.41	20	L638847-05	WG664485
Total Solids	%	94.0	94.7	0.351	5	L639322-01	WG664911

Analyte	Units	Laboratory Control Sample Known Val Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0479	95.8	76-113 WG664242
Ethylbenzene	mg/kg	.05	0.0497	99.4	78-115 WG664242
Toluene	mg/kg	.05	0.0490	98.1	76-114 WG664242
Total Xylene	mg/kg	.15	0.153	102.	81-118 WG664242
a,a,a-Trifluorotoluene(PID)			101.9	54-144 WG664242	
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.99	109.	67-135 WG664242
a,a,a-Trifluorotoluene(FID)			104.2	59-128 WG664242	
Chloride	mg/kg	200	207.	104.	80-120 WG664485
TPH (GC/FID) High Fraction	mg/kg	60	45.3	75.6	50-150 WG664742
o-Terphenyl				78.90	50-150 WG664742
Total Solids	%	50	50.0	100.	85-115 WG664911

Analyte	Units	Laboratory Control Sample Duplicate Result Ref %Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0491 0.0479	98.0	76-113	2.46	20 WG664242
Ethylbenzene	mg/kg	0.0497 0.0497	99.0	78-115	0.0200	20 WG664242
Toluene	mg/kg	0.0489 0.0490	98.0	76-114	0.290	20 WG664242
Total Xylene	mg/kg	0.151 0.153	101.	81-118	0.830	20 WG664242
a,a,a-Trifluorotoluene(PID)			102.1	54-144		WG664242
TPH (GC/FID) Low Fraction	mg/kg	5.90 5.99	107.	67-135	1.42	20 WG664242
a,a,a-Trifluorotoluene(FID)			104.9	59-128		WG664242

* 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

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Level II

L638663

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June 07, 2013

Analyte	Units	Laboratory Control		Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref	%Rec	%Rec				
Chloride	mg/kg	207.	207.	104.		80-120	0	20	WG664485
TPH (GC/FID) High Fraction	mg/kg	43.1	45.3	72.0		50-150	4.96	20	WG664742
o-Terphenyl				75.30		50-150			WG664742

Analyte	Units	MS Res	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
			Ref Res	%Rec					
Benzene	mg/kg	0.210	0	.05	83.9	32-137	L638554-01		WG664242
Ethylbenzene	mg/kg	0.169	0	.05	67.7	10-150	L638554-01		WG664242
Toluene	mg/kg	0.200	0	.05	80.0	20-142	L638554-01		WG664242
Total Xylene	mg/kg	0.532	0	.15	70.9	16-141	L638554-01		WG664242
a,a,a-Trifluorotoluene(FID)					102.0	54-144			WG664242
TPH (GC/FID) Low Fraction	mg/kg	21.1	0.0610	5.5	76.5	55-109	L638554-01		WG664242
a,a,a-Trifluorotoluene(FID)					102.2	59-128			WG664242
Chloride	mg/kg	598.	110.	500	97.6	80-120	L638663-02		WG664485
TPH (GC/FID) High Fraction	mg/kg	48.3	7.63	60	67.8	50-150	L638223-02		WG664742
o-Terphenyl					80.30	50-150			WG664742

Analyte	Units	MSD	Matrix Spike		%Rec	Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec						
Benzene	mg/kg	0.238	0.210	95.3	32-137	12.7	39	L638554-01		WG664242
Ethylbenzene	mg/kg	0.221	0.169	88.4	10-150	26.6	44	L638554-01		WG664242
Toluene	mg/kg	0.233	0.200	93.2	20-142	15.4	42	L638554-01		WG664242
Total Xylene	mg/kg	0.674	0.532	89.9	16-141	23.7	46	L638554-01		WG664242
a,a,a-Trifluorotoluene(FID)				104.0	54-144					WG664242
TPH (GC/FID) Low Fraction	mg/kg	18.6	21.1	67.5	55-109	12.4	20	L638554-01		WG664242
a,a,a-Trifluorotoluene(FID)				102.1	59-128					WG664242
Chloride	mg/kg	589.	598.	95.8	80-120	1.52	20	L638663-02		WG664485
TPH (GC/FID) High Fraction	mg/kg	42.2	48.3	57.5	50-150	13.6	20	L638223-02		WG664742
o-Terphenyl				72.70	50-150					WG664742

Batch number /Run number / Sample number cross reference

WG664242: R2692720: L638663-01 02
WG664485: R2693801: L638663-01 02
WG664742: R2696401 R2698481: L638663-02 01
WG664911: R2696521: L638663-01 02

* * 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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Est. 1970

June 07, 2013

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.

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

Count = 2.402  0001



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0004

Samples Received: 5/30/2013 1:05:00PM

Job Number: 98031-0528

Work Order: P305099

Project Name/Location: JF Day E #1

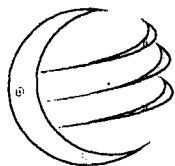
Entire Report Reviewed By:

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

Date: 6/4/13

Tim Cain, Laboratory Manager

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.



envirotech

Analytical Laboratory

XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: JF Day E #1
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
04-Jun-13 15:00

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Far LH-053013-0730	P305099-01A	Soil	05/30/13	05/30/13	Glass Jar, 4 oz.
Far LH-053013-0745	P305099-02A	Soil	05/30/13	05/30/13	Glass Jar, 4 oz.

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Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879



XTO Energy Inc.	Project Name:	JF Day E #1	
382 CR 3100	Project Number:	98031-0528	Reported:
Aztec NM, 87410	Project Manager:	James McDaniel	04-Jun-13 15:00

Far LH-053013-0730
P305099-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Total Petroleum Hydrocarbons by 418.1

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: JF Day E #1
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
04-Jun-13 15:00

Far LH-053013-0745

P305099-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Total Petroleum Hydrocarbons by 418.1

Total Petroleum Hydrocarbons	46.5	19.9	mg/kg	1	1322023	31-May-13	31-May-13	EPA 418.1	
-------------------------------------	-------------	------	-------	---	---------	-----------	-----------	-----------	--

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Ph (970) 259-0615 Fr (800) 362-1879



XTO Energy Inc.	Project Name:	JF Day E #1	Reported: 04-Jun-13 15:00
382 CR 3100	Project Number:	98031-0528	
Aztec NM, 87410	Project Manager:	James McDaniel	

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1322023 - 418 Freon Extraction

Blank (1322023-BLK1)

Prepared & Analyzed: 31-May-13

Total Petroleum Hydrocarbons ND 20.0 mg/kg

Duplicate (1322023-DUP1)

Source: P305097-01

Prepared & Analyzed: 31-May-13

Total Petroleum Hydrocarbons 21.3 20.0 mg/kg 24.0 11.6 30

Matrix Spike (1322023-MS1)

Source: P305097-01

Prepared & Analyzed: 31-May-13

Total Petroleum Hydrocarbons 1600 20.0 mg/kg 2000 24.0 78.9 80-120 SPK1

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: JF Day E #1
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
04-Jun-13 15:00

Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.

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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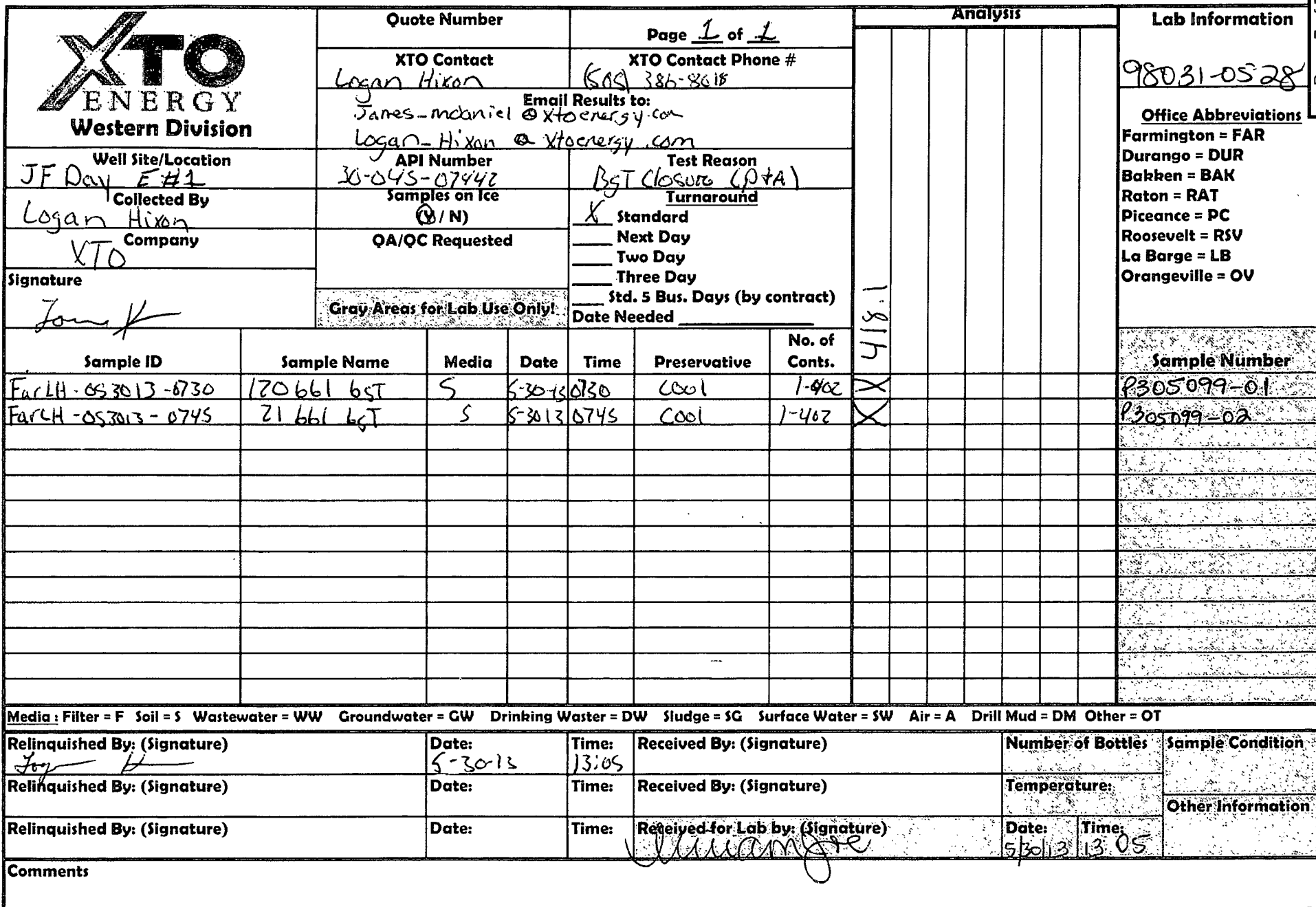
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0004

From: Hixon, Logan
To: BRANDON POWELL (brandon.powell@state.nm.us); MARK KELLY (mark_kelly@blm.gov)
Cc: McDaniel, James; Hoekstra, Kurt; Naegele, Otto; Baxstrom, Scott
Subject: JF Day E #1 (30-045-07442) BGT Closure Notification
Date: Thursday, June 13, 2013 10:02:00 AM
Attachments: image001.png

Brandon & Mark,

Please accept this email as the required notification for the 120 barrel & 21 barrel BGT closure activities at the following site:

*JF Day E #1 (30-045-07442) Located in Section 17, Township 28N, Range 10W,
San Juan County New Mexico*

This below grade tank is being removed due to the plugging and abandoning of this well. Thank you for your time in regards to this matter.



Thank You!

Logan Hixon

Western Division

-382 CR 3100

Aztec NM 87410

Office (505) 333-3683

-72 Suttle Street, Suite J

Durango, CO 81303

Office (970) 247-7708

Cell (505) 386-8018

Logan_Hixon@xtoenergy.com



Well Below Tank Inspection Report

RouteName		StopName		Pumper		Foreman	WellName			APIWellNumber	Section	Range	Township
DEN NM Run 55B		DAY JF E 001		Randolph, Steve		Sanders, Davic	JF DAY E 01		3004507442	17	10W	28N	
InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes		
s.r.	08/24/2008	10:20	No	No	No	Yes	No	4					
s.r.	10/14/2008	09:45	No	No	No	Yes	No	3	Well Water	Below Ground			
s.r.	11/15/2008	10:00	No	No	No	Yes	No	3	Well Water	Below Ground			
rm	12/02/2008	09:30	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	01/12/2009	11:30	No	No	No	Yes	No	5	Well Water	Below Ground			
sr	02/27/2009	09:45	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	03/16/2009	11:00	No	No	No	Yes	No	3	Well Water	Below Ground			
sr	04/10/2009	10:30	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	05/04/2009	1115:00	No	No	No	Yes	No	4	Well Water	Below Ground			
rm	06/02/2009	11:50	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	07/08/2009	09:00	No	No	No	Yes	No	4	Well Water	Below Ground			
rm	08/04/2009	02:00	No	No	No	Yes	No	3	Well Water	Below Ground			
sr	08/06/2009	1100:00	No	No	No	Yes	No	3	Well Water	Below Ground			
rm	09/01/2009	11:15	No	No	No	Yes	No	5	Well Water	Below Ground			
rm	10/01/2009	12:20	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	11/04/2009	02:30	No	No	No	Yes	No	3	Well Water	Below Ground			
sr	12/04/2009	09:15	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	01/10/2010	09:00	No	No	No	Yes	No	3	Well Water	Below Ground			
sr	02/19/2010	09:00	No	No	No	Yes	No	3	Well Water	Below Ground			
rm	03/07/2010	11:15	No	No	No	Yes	No	3	Well Water	Below Ground			
rm	04/01/2010	12:40	No	No	No	Yes	No	2	Well Water	Below Ground			
rm	05/10/2010	08:35	No	No	No	Yes	No	5	Well Water	Below Ground			
Bks	05/27/2010	10:40	No	No	No	Yes	No	4	Well Water	Below Ground			
Bks	07/20/2010	03:50	No	No	No	Yes	No	2	Well Water	Below Ground			
sr	08/16/2010	08:50	No	No	No	Yes	No	3	Well Water	Below Ground			
sr	09/14/2010	09:30	No	No	No	Yes	No	3	Well Water	Below Ground			
sr	10/05/2010	10:00	No	No	No	Yes	No	3	Well Water	Below Ground			
sr	11/08/2010	10:15	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	12/11/2010	10:00	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	01/16/2011	10:00	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	02/16/2011	09:00	No	No	No	Yes	No	5	Well Water	Below Ground			
sr	04/27/2011	15:00	No	No	No	Yes	No	5	Well Water	Below Ground			
sr	05/23/2011	10:45	No	No	No	Yes	No	5	Well Water	Below Ground			
sr	06/13/2011	10:45	No	No	No	Yes	No	4	Well Water	Below Ground			
sr	07/15/2011	10:15	No	No	No	Yes	No	5	Well Water	Below Ground			
sr	08/15/2011	10:30	No	No	No	No	No	3	Well Water	Below Ground			
sr	09/21/2011	08:30	No	No	No	No	No	3	Well Water	Below Ground			
sr	10/18/2011	08:30	No	No	No	No	No	3	Well Water	Below G 0			
sr	11/16/2011	10:15	No	No	No	No	No	4	Well Water	Below G 0			
sr	12/13/2011	12:00	No	No	No	No	No	4	Well Water	Below G 0			
sr	01/09/2012	09:45	No	No	No	No	No	5	Well Water	Below G 0			
sr	02/13/2012	08:45	No	No	No	No	No	4	Well Water	Below G 0			
sr	03/06/2012	09:15	No	No	No	No	No	4	Well Water	Below G 0			
sr	05/08/2012	10:15	No	No	No	No	No	4	Well Water	Below G 0			
sr	06/05/2012	11:00	No	No	No	No	No	4	Well Water	Below G 0			
sr	07/11/2012	09:30	No	No	No	No	No	4	Well Water	Below G 0			
sr	08/21/2012	10:00	No	No	No	No	No	4	Well Water	Below G 0			
sr	09/11/2012	09:00	No	No	No	No	No	4	Well Water	Below G 0			
sr	10/08/2012	11:15	No	No	No	No	No	4	Well Water	Below G 0			
sr	11/13/2012	09:00	No	No	No	No	No	4	Well Water	Below G 0			
sr	12/18/2012	09:15	No	No	No	No	No	4	Well Water	Below G 0			
sr	01/15/2013	08:15	No	No	No	No	No	4	Well Water	Below G 0			
sr	02/11/2013	11:15	No	No	No	No	No	4	Well Water	Below G 0			
sr	03/06/2013	10:30	No	No	No	No	No	4	Well Water	Below G 0			
sr	04/10/2013	08:30	No	No	No	No	No	5	Well Water	Below G 0			
sr	05/13/2013	10:45	No	No	No	No	No	5	Well Water	Below G 0			

XTO Energy, Inc.
JF Day E #1 (30-045-07442)
Section 17 (L), Township 28N, Range 10W
Closure Date June 21, 2013

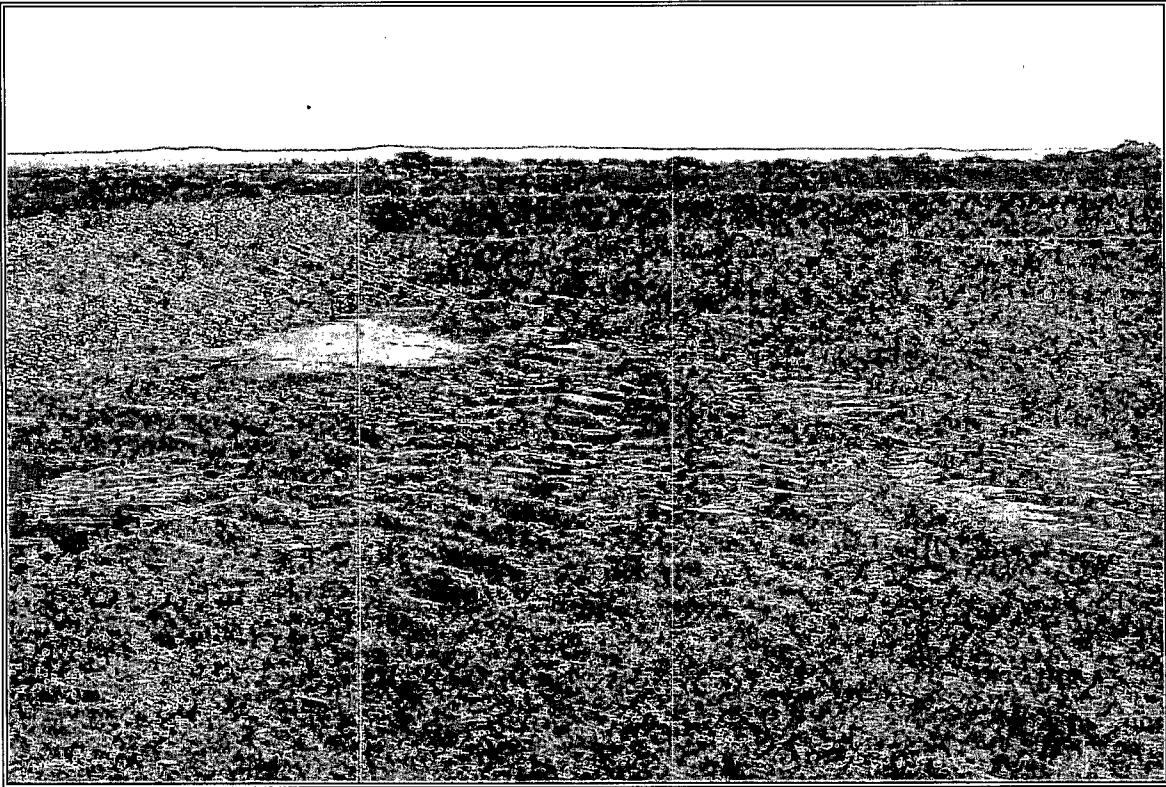


Photo 1: JF Day E #1 (21 BBL) after Closure.



Photo 2: JF Day E #1 (21 BBL) after Closure.

XTO Energy, Inc.
JF Day E #1 (30-045-07442)
Section 17 (L), Township 28N, Range 10W
Closure Date June 21, 2013



Photo 3: JF Day E #1 (21 BBL) after Closure.

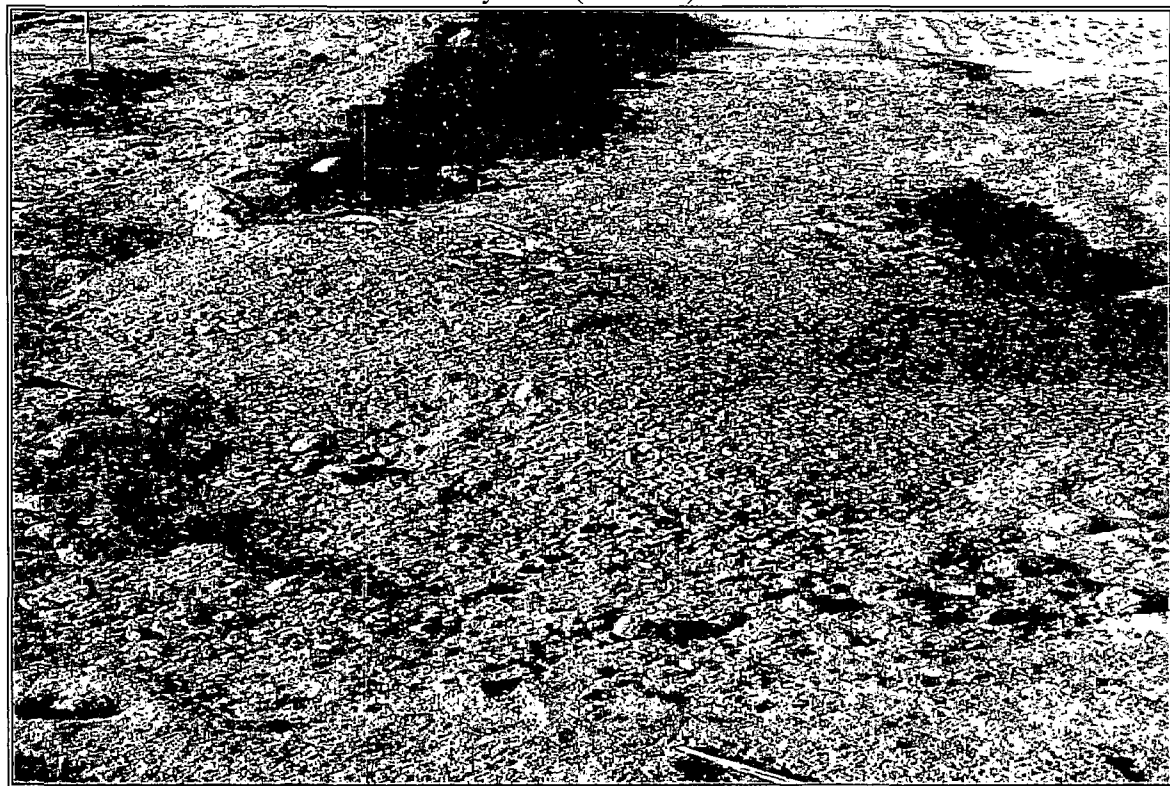


Photo 4: JF Day E #1 (21 BBL) after Closure.