

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

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

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

1. Operator: XTO Energy, Inc. OGRID #: 5380
Address: #382 County Road 3100, Aztec, NM 87410
Facility or well name: Schumacher #2F
API Number: 30-045-33176 OCD Permit Number: _____
U/L or Qtr/Qtr L Section 08 Township 30N Range 12W County: San Juan
Center of Proposed Design: Latitude 36.825472 Longitude 108.12678 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 _____

RCVD AUG 15 '13
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 ☒ Other Visible sidewalls, vaulted, automatic high-level shut off, no liner
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 Four foot height, steel mesh field fence (hogwire) with pipe top railing

7.

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

☐ Screen ☐ Netting ☒ Other Expanded metal or solid vaulted top

☐ Monthly inspections (If netting or screening is not physically feasible)

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.

- 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

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): Kim Champlin Title: Environmental Representative
Signature: Kim Champlin Date: 11/17/08
e-mail address: kim_champlin@xtoenergy.com Telephone: (505) 333-3100

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

OCD Representative Signature: [Signature] Approval Date: 8/5/13
Title: Senior Hydrologist 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: August 9, 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 indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

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

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

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

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

- ☒ Proof of Closure Notice (surface owner and division)
☐ Proof of Deed Notice (required for on-site closure)
☐ Plot Plan (for on-site closures and temporary pits)
☒ Confirmation Sampling Analytical Results (if applicable)
☐ Waste Material Sampling Analytical Results (required for on-site 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 Hixon Title: EHS Coordinator
Signature: Logan Hixon Date: August 13, 2013
e-mail address: Logan-Hixon@Xtoenergy.com Telephone: (505) 333-3685

District I
1625 N. French Dr., Hobbs, NM 88240
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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: Schumacher #2F (30-045-33176)	Facility Type: Gas Well

Surface Owner: Federal Land	Mineral Owner:	Lease No.:
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	08	30N	12W	1780	FSL	670	FWL	San Juan

Latitude: 36.825472 Longitude: 108.12678

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: BGT	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: August 8, 2013
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 Schumacher #2F due to upgrades being made at this 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 Benzene and Total BTEX, but above the 'pit rule' standards for TPH and Total Chlorides, confirming that a release has occurred at this location. This site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 20 due to an estimated distance to a dry arroyo less than 200 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX, or 100 ppm organic vapors.

Describe Area Affected and Cleanup Action Taken.*

Based on TPH results of 475 PPM via USEPA Method 418.1 and Total Chlorides results of 610 ppm, it has been confirmed that a release had occurred at 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 District Supervisor:		
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: <i>August 13, 2013</i> Phone: 505-333-3683			

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

Lease Name: Schumacher #2F

API No.: 30-045-33176

Description: Unit L, Section 8, Township 30N, Range 12W, 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 August 9, 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 August 9, 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 will remain on location for the continued production of oil and gas.

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	<0.0030 mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	0.062 mg/kg
TPH	EPA SW-846 418.1	100	475 mg/kg
Chlorides	EPA 300.1	250 or background	610 mg/kg
TPH	EPA SW-846 8015M	100	9.8 mg/kg

8. If XTO or the division determines that a release has occurred, XTO will comply with 19.15.3.116 NMAC and 19.15.1.19NMAC as appropriate.

Due to TPH results of 475 PPM via USEPA 418.1 and total Chlorides results of 610 PPM , a release has been confirmed for this location. A C-141 Release Notification form will be sent outlining any remediation activities taken regarding this release.

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:

- Operator's name
- Well Name and API Number
- 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 August 2, 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 August 2, 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 site will continue to be used for oil and gas exploration and production operations. The site will be recontoured upon the plugging and abandoning of this well location.
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 upon the plugging and abandoning of this well location.
13. XTO will seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will be used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.
The location will continue to be used for daily operations pertaining to oil and gas explorations and production activities. The site will be reclaimed pursuant to BLM MOU upon the plugging and abandoning of this well location.
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 on upon plugging and abandoning of this well location.**
 - viii. Photo documentation of the site reclamation. **Attached**



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

Report Summary

Thursday August 08, 2013

Report Number: L650146

Samples Received: 08/06/13

Client Project:

Description: Schumacher ZF

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

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

August 08, 2013

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

Date Received : August 06, 2013
Description : Schumacher ZF
Sample ID : FAR LH-080213-1748
Collected By : Logan Hixon
Collection Date : 08/02/13 17:48

ESC Sample # : L650146-01

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	610	12.	mg/kg	9056	08/07/13	1
Total Solids	82.2	0.100	%	2540 G-2011	08/07/13	1
Benzene	BDL	0.0030	mg/kg	8021/8015	08/07/13	5
Toluene	BDL	0.030	mg/kg	8021/8015	08/07/13	5
Ethylbenzene	BDL	0.0030	mg/kg	8021/8015	08/07/13	5
Total Xylene	0.062	0.0091	mg/kg	8021/8015	08/07/13	5
TPH (GC/FID) Low Fraction	BDL	0.61	mg/kg	GRO	08/07/13	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	98.7		% Rec.	8021/8015	08/07/13	5
a,a,a-Trifluorotoluene (PID)	99.7		% Rec.	8021/8015	08/07/13	5
TPH (GC/FID) High Fraction	9.8	4.9	mg/kg	3546/DRO	08/07/13	1
Surrogate recovery(%)						
o-Terphenyl	69.8		% Rec.	3546/DRO	08/07/13	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: 08/08/13 09:11 Printed: 08/08/13 09:11

Summary of Remarks For Samples Printed
08/08/13 at 09:11:52

TSR Signing Reports: 288
R3 - Rush: Two Day

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

Sample: L650146-01 Account: XTORNM Received: 08/06/13 09:00 Due Date: 08/08/13 00:00 RPT Date: 08/08/13 09:11



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YOUR LAB OF CHOICE

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

Quality Assurance Report
Level II

Aztec, NM 87410

August 08, 2013

L650146

Analyte	Result	Laboratory Blank Units % Rec	Limit	Batch	Date Analyzed
Total Solids	< .1	%		WG675679	08/07/13 06:57
Chloride	< 10	mg/kg		WG675615	08/07/13 08:57
TPH (GC/FID) High Fraction o-Terphenyl	< 4	mg/kg % Rec. 73.60	50-150	WG675653	08/07/13 10:15 WG675653 08/07/13 10:15
Benzene	< .0005	mg/kg		WG675210	08/07/13 13:47
Ethylbenzene	< .0005	mg/kg		WG675210	08/07/13 13:47
Toluene	< .005	mg/kg		WG675210	08/07/13 13:47
TPH (GC/FID) Low Fraction	< .1	mg/kg		WG675210	08/07/13 13:47
Total Xylene	< .0015	mg/kg		WG675210	08/07/13 13:47
a,a,a-Trifluorotoluene (FID)		% Rec. 99.50	59-128	WG675210	08/07/13 13:47
a,a,a-Trifluorotoluene (PID)		% Rec. 99.60	54-144	WG675210	08/07/13 13:47

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	92.0	90.1	1.66	5	L649740-01	WG675679
Chloride	mg/kg	0	0	0	20	L649890-19	WG675615

Analyte	Units	Laboratory Control Sample Known Val Result	% Rec	Limit	Batch
Total Solids	%	50	49.9	99.9	85-115 WG675679
Chloride	mg/kg	200	197.	98.5	80-120 WG675615
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	60	48.1	80.2 78.80	50-150 WG675653 50-150 WG675653
Benzene	mg/kg	.05	0.0474	94.8	70-130 WG675210
Ethylbenzene	mg/kg	.05	0.0490	97.9	70-130 WG675210
Toluene	mg/kg	.05	0.0495	99.0	70-130 WG675210
Total Xylene	mg/kg	.15	0.146	97.3	70-130 WG675210
a,a,a-Trifluorotoluene (PID)				102.0	54-144 WG675210
TPH (GC/FID) Low Fraction	mg/kg	5.5	6.06	110.	63.5-137 WG675210
a,a,a-Trifluorotoluene (FID)				101.0	59-128 WG675210

Analyte	Units	Laboratory Control Sample Duplicate Result Ref %Rec	Limit	RPD	Limit	Batch
Chloride	mg/kg	200. 197. 100.	80-120	1.51	20	WG675615
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	46.4 48.1 77.0 80.00	50-150 50-150	3.68	20	WG675653 WG675653
Benzene	mg/kg	0.0524 0.0474 105.	70-130	9.97	20	WG675210
Ethylbenzene	mg/kg	0.0528 0.0490 106.	70-130	7.52	20	WG675210

* 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

L650146

August 08, 2013

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Toluene	mg/kg	0.0533	0.0495	106.	70-130	7.39	20	WG675210
Total Xylene	mg/kg	0.158	0.146	106.	70-130	8.13	20	WG675210
a,a,a-Trifluorotoluene(PID)				101.0	54-144			WG675210
TPH (GC/FID) Low Fraction	mg/kg	6.10	6.06	111.	63.5-137	0.690	20	WG675210
a,a,a-Trifluorotoluene(FID)				101.0	59-128			WG675210

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Chloride	mg/kg	511.	18.0	500	98.6	80-120	L649890-18	WG675615
TPH (GC/FID) High Fraction	mg/kg	45.3	0.720	60	74.3	50-150	L650118-01	WG675653
o-Terphenyl					78.50	50-150		WG675653
Benzene	mg/kg	0.250	0	.05	100.	49.7-127	L649873-01	WG675210
Ethylbenzene	mg/kg	0.252	0	.05	101.	40.8-141	L649873-01	WG675210
Toluene	mg/kg	0.258	0	.05	103.	49.8-132	L649873-01	WG675210
Total Xylene	mg/kg	0.749	0	.15	99.8	41.2-140	L649873-01	WG675210
a,a,a-Trifluorotoluene(PID)					99.40	54-144		WG675210
TPH (GC/FID) Low Fraction	mg/kg	25.1	0	5.5	91.2	28.5-138	L649873-01	WG675210
a,a,a-Trifluorotoluene(FID)					98.90	59-128		WG675210

Analyte	Units	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec					
Chloride	mg/kg	503.	511.	97.0	80-120	1.58	20	L649890-18	WG675615
TPH (GC/FID) High Fraction	mg/kg	54.6	45.3	89.7	50-150	18.6	20	L650118-01	WG675653
o-Terphenyl				94.10	50-150				WG675653
Benzene	mg/kg	0.254	0.250	102.	49.7-127	1.49	23.5	L649873-01	WG675210
Ethylbenzene	mg/kg	0.253	0.252	101.	40.8-141	0.550	23.8	L649873-01	WG675210
Toluene	mg/kg	0.259	0.258	104.	49.8-132	0.540	23.5	L649873-01	WG675210
Total Xylene	mg/kg	0.746	0.749	99.5	41.2-140	0.350	23.7	L649873-01	WG675210
a,a,a-Trifluorotoluene(PID)				99.30	54-144				WG675210
TPH (GC/FID) Low Fraction	mg/kg	26.4	25.1	95.9	28.5-138	5.06	23.6	L649873-01	WG675210
a,a,a-Trifluorotoluene(FID)				99.60	59-128				WG675210

Batch number /Run number / Sample number cross reference

WG675679: R2770611: L650146-01
WG675615: R2771701: L650146-01
WG675653: R2771903: L650146-01
WG675210: R2772320: L650146-01

* * 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.'



YOUR LAB OF CHOICE

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

Aztec, NM 87410

Quality Assurance Report
Level II

L650146

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August 08, 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

: 5547 0240 2970

0012

44



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0013

Samples Received: 8/5/2013 9:11:00AM

Job Number: 98031-0528

Work Order: P308012

Project Name/Location: Schumacher #2F

Entire Report Reviewed By:

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

Date: 8/6/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 8/6/13 7:57 am

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: Schumacher #2F
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
06-Aug-13 07:59

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Composite	P308012-01A	Soil	08/02/13	08/05/13	Glass Jar, 4 oz.

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

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

XTO Energy Inc.	Project Name:	Schumacher #2F	
382 CR 3100	Project Number:	98031-0528	Reported:
Aztec NM, 87410	Project Manager:	Logan Hixon	06-Aug-13 07:59

BGT Composite
P308012-01 (Solid)

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

Total Petroleum Hydrocarbons by 418.1

Total Petroleum Hydrocarbons	475	20.0	mg/kg	1	1332004	05-Aug-13	05-Aug-13	EPA 418.1	
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XTO Energy Inc.
 382 CR 3100
 Aztec NM, 87410

Project Name: Schumacher #2F
 Project Number: 98031-0528
 Project Manager: Logan Hixon

Reported:
 06-Aug-13 07:59

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 1332004 - 418 Freon Extraction

Blank (1332004-BLK1)

Prepared & Analyzed: 05-Aug-13

Total Petroleum Hydrocarbons ND 20.0 mg/kg

Duplicate (1332004-DUP1)

Source: P308012-01

Prepared & Analyzed: 05-Aug-13

Total Petroleum Hydrocarbons 499 20.0 mg/kg 475 4.94 30

Matrix Spike (1332004-MS1)

Source: P308012-01

Prepared & Analyzed: 05-Aug-13

Total Petroleum Hydrocarbons 2380 20.0 mg/kg 2000 475 95.2 80-120

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Schumacher #2F
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
06-Aug-13 07:59

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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laboratory@envirotech-inc.com



Well Below Tank Inspection Report

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
DEN NM Run 66A	SCHUMACHER 002F	Farnsworth, Garret Morrow, Pete		SCHUMACHER 02F	3004533176	8	11W	30N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
mb	08/20/2008	11:00	No	No	No	Yes	No	3			
mb	09/15/2008	09:40	No	No	No	Yes	No	3			
mb	10/25/2008	09:40	No	No	No	Yes	No	3	Well Water	Below Ground	
SD	11/15/2008	15:00	No	No	No	Yes	No	2	Well Water	Below Ground	
SD	12/26/2008	13:40	No	No	No	Yes	No	2	Well Water	Below Ground	
SD	01/29/2009	15:20	No	No	No	Yes	No	2	Well Water	Below Ground	
SD	02/08/2009	11:50	No	No	No	Yes	No	2	Well Water	Below Ground	
SD	03/01/2009	09:25	No	No	Yes	Yes	No	3	Well Water	Below Ground	
SD	04/01/2009	11:30	No	No	Yes	Yes	No	3	Well Water	Below Ground	
SD	05/25/2009	12:15	No	No	Yes	Yes	No	3	Well Water	Below Ground	
SD	06/22/2009	10:35	No	No	Yes	Yes	No	3	Well Water	Below Ground	
SD	11/03/2009	14:00	No	No	Yes	Yes	No	1	Well Water	Below Ground	
SD	03/29/2010	14:00	No	No	Yes	Yes	No	1	Well Water	Below Ground	
SCOTT JOHNSON	04/28/2010	14:00	No	No	Yes	Yes	No	1	Well Water	Below Ground	
SCOTT JOHNSON	06/22/2010	14:00	No	No	No	Yes	No	1	Well Water	Below Ground	
SCOTT JOHNSON	10/29/2010	14:00	No	No	No	Yes	No	1	Well Water	Below Ground	
SCOTT JOHNSON	11/11/2010	14:00	No	No	No	Yes	No	5	Well Water	Below Ground	
mg	04/26/2011	02:55	No	No	No	Yes	No	3	Well Water	Below Ground	
mg	05/18/2011	12:00	No	No	No	Yes	No	4	Well Water	Below Ground	
mg	06/02/2011	12:00	No	No	No	Yes	No	4	Well Water	Below Ground	
mg	07/07/2011	12:00	No	No	No	Yes	No	3	Well Water	Below Ground	
mg	08/11/2011	12:00	No	No	No	Yes	No	4	Well Water	Below Ground	
mg	09/21/2011	12:00	No	No	No	Yes	No	4	Well Water	Below Ground	
mg	10/12/2011	12:00	No	No	No	Yes	No	4	Well Water	Below Ground	
mg	11/07/2011	12:00	No	No	No	Yes	No	3	Well Water	Below Ground	
mg	12/10/2011	12:00	No	No	No	Yes	No	2	Well Water	Below Ground	
mg	01/21/2012	12:00	No	No	No	Yes	No	4	Well Water	Below Ground	
mg	02/14/2012	12:00	No	No	No	Yes	No	3	Well Water	Below Ground	
mg	03/05/2012	12:00	No	No	No	Yes	No	3	Well Water	Below Ground	
mg	04/11/2012	12:00	No	No	No	Yes	No	3	Well Water	Below Ground	
gf	05/29/2012	02:00	No	No	No	Yes	No	3	Well Water	Below Ground	
gf	03/14/2013	12:30	No	No	No	Yes	No	3	Well Water	Below G	gf
gf	05/08/2013	12:30	No	No	No	Yes	No	5	Well Water	Below G	gf
gf	05/14/2013	12:30	No	No	Yes	Yes	No	3	Well Water	Below G	gf
gf	06/11/2013	12:30	No	No	Yes	Yes	No	5	Well Water	Below G	gf
gf	06/15/2013	12:30	No	No	No	Yes	No	3	Well Water	Below G	gf
gf	07/03/2013	03:30	No	No	Yes	Yes	No	5	Well Water	Below G	gf

From: Hixon, Logan
To: [BRANDON POWELL \(brandon.powell@state.nm.us\)](mailto:brandon.powell@state.nm.us); [MARK KELLY \(mark_kelly@blm.gov\)](mailto:mark_kelly@blm.gov)
Cc: [Jonathan Kelly \(jonathan.kelly@state.nm.us\)](mailto:jonathan.kelly@state.nm.us); [McDaniel, James](#); [Hoekstra, Kurt](#)
Subject: BGT Closure Notification Schumacher #2F (30-045-33176)
Date: Friday, August 02, 2013 7:08:00 PM
Attachments: [image001.png](#)

Brandon & Mark,

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

Schumacher #2F (30-045-33176) Located in Section 8 (L), Township 20N, Range 12W, San Juan County New Mexico

This below grade tank is being removed due to the below grade tank not demonstrating integrity; this below grade tank will be closed and brought above grade for this site. 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

XTO Energy, Inc.
Schumacher #2F (30-045-33176)
Section 8 (L), Township 30N, Range 12W
Closure Date August 9, 2013



Photo 1: Schumacher #2F after Reconfigure.



Photo 2: Schumacher #2F after Reconfigure.

XTO Energy, Inc.
Schumacher #2F (30-045-33176)
Section 8 (L), Township 30N, Range 12W
Closure Date August 9, 2013



Photo 3: Schumacher #2F after Reconfigure.

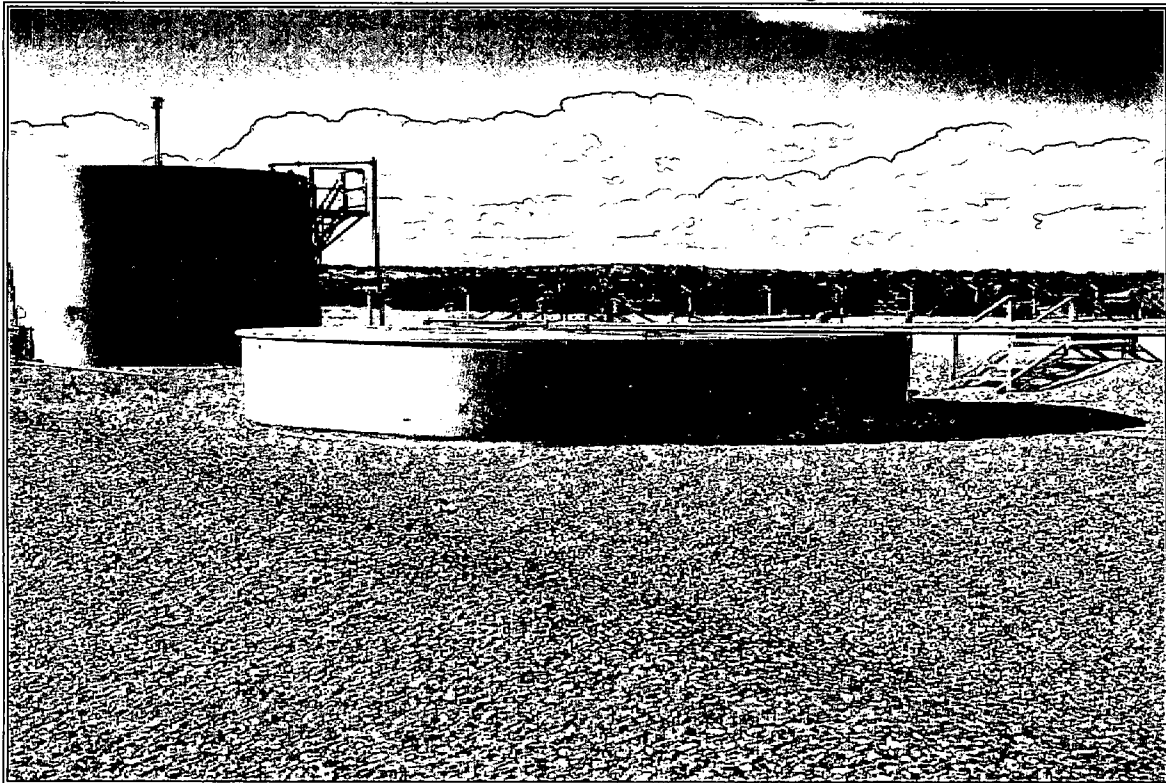


Photo 4: Schumacher #2F after Reconfigure.