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

RECEIVED
2008 DEC 12 PM 4 04

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.

8347

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: LITTLE STINKER # 1F
API Number: 30-045-34061 OCD Permit Number:
U/L or Qtr/Qtr O Section 11 Township 30N Range 12W County: San Juan
Center of Proposed Design: Latitude 36.821472 Longitude 108.06325 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: _____

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MAY 2011
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 H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

14.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☒ Below-grade Tank ☐ Closed-loop System ☐ Alternative

Proposed Closure Method: ☒ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

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

16.

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

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

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please provide the information below) ☐ No

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

☐ Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

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

17.

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

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

Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

18.

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

☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC

☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC

☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC

☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC

☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC

☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC

☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)

☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

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

19.
Operator Application Certification:

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

Name (Print): Kim Champlin Title: Environmental Representative

Signature: Kim Champlin Date: 11/25/08

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:** 5/3/11

Title: Environmental Engineer **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:** April 28, 2011

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): James McDaniel Title: EH&S Coordinator

Signature: [signature] Date: 5/19/11

e-mail address: James_McDaniel@xtoenergy.com Telephone: 505-333-3701

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: James McDaniel
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3701
Facility Name: Little Stinker #1F (30-045-34061)	Facility Type: Gas Well (Mesaverde)

Surface Owner: Federal	Mineral Owner:	Lease No.:

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	11	30N	12W	715	FSL	1525	FEL	San Juan

Latitude: 36.8215 **Longitude:** -108.0633

NATURE OF RELEASE

Type of Release: Produced Water w/ Incidental Oil	Volume of Release: 2 bbls	Volume Recovered: None
Source of Release: Below Grade Tank Leak	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: NA
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Brandon Powell	
By Whom? James McDaniel	Date and Hour: April 20, 2011 – 20:25	
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.
On April 18, 2011, a leak in the BGT at the Little Stinker #1F was discovered. An estimated 2 bbls of produced water and incidental oil was lost into the BGT cellar. The well was shut in, and the tank emptied. A BGT closure composite was collected beneath the bottom of the BGT to confirm a release. The sample was analyzed for TPH via USEPA Method 8015 and 418.1, for BTEX via USEPA Method 8021, and for chlorides. The sample returned results above the spill confirmation standards for benzene, TPH and chlorides, confirming that a release had occurred. The site was then ranked a 50 due to a depth to groundwater of over 50 feet, but a distance to surface water of less than 200 feet, and a distance to a water well of less than 1,000 feet. This set the closure standards to 100 ppm TPH, 100 ppm organic vapors, or 10 ppm benzene and 50 ppm total BTEX. Due to a wash at less than 200 feet from the well site, the BGT cannot be put back into service, and will be replaced with an above ground tank for water collection.

Describe Area Affected and Cleanup Action Taken.*
On April 27, 2011, approximately 48 cubic yards of impacted soil was removed from the former BGT cellar to extents of 15' x 15' x 10' deep. Composite samples were then collected from each of the four (4) walls, and from the bottom of the excavation at 10' deep. Each of the samples was analyzed in the field for organic vapors using a photo ionization detector (PID). All four (4) of the wall samples returned results below the 100 ppm standard for organic vapors. The bottom sample returned results of 136 ppm, requiring it to be analyzed in the laboratory for total BTEX. All five (5) samples were analyzed in the laboratory for DRO/GRO via USEPA Method 8015. All samples returned results below the regulatory standards for all constituents analyzed. Impacted soils were hauled to IEI's NMOCD permitted landfill. Clean backfill was hauled in from Paul and Son's yard. All applicable analytical results, field sheets, and Bills of Lading are attached to this report for your reference. No further excavation is required.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: James McDaniel	Approved by District Supervisor:	
Title: EH&S Coordinator	Approval Date:	Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval:	Attached ☐
Date: 5/19/2011 Phone: 505-333-3701		

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

Lease Name: Little Stinker #1F
API No.: 30-045-34061
Description: Unit O, Section 11, 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 April 28, 2011

2. XTO will close a below-grade tank that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC.
   Closure Date is April 28, 2011

3. XTO will close a permitted below-grade tank within 60 days of cessation of the below-grade tank's operation or as required by the transitional provisions of Subsection B of 19.15.17.17 NMAC in accordance with a closure plan that the appropriate division district office approves. The closure report will be filed on form C-144.
   Required C-144 Form is attached to this document.

4. XTO will remove liquids and sludge from below-grade tanks prior to implementing a closure method and will dispose of the liquids and sludge in a division-approved facility. Approved facilities and waste streams include:
   Envirotech Permit No. NM01-0011 and IEI Permit No. NM 01-0010B
   Soil contaminated by exempt petroleum hydrocarbons
   Produced sand, pit sludge and contaminated bottoms from storage of exempt wastes
   Basin Disposal Permit No. NM01-005
   Produced water
   All liquids and sludge were removed from the tank prior to closure activities.

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

6. XTO will remove any on-site equipment associated with a below-grade tank unless the equipment is required for some other purpose.
All equipment will remain on-site 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	**0.61 mg/kg**
BTEX	EPA SW-846 8021B or 8260B	50	**22.41 mg/kg**
TPH	EPA SW-846 418.1	100	**3,560 mg/kg**
Chlorides	EPA 300.1	250 or background	**2,600 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.
A release was confirmed at this location due to elevated levels of TPH, benzene and total chlorides. Please see the attached C-141 for a report on all remediation activities.

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 April 20, 2011; see attached email printout.

The surface owner shall be notified of XTO's proposal to close the BGT as per the approved closure plan using certified mail, return receipt requested.
The surface owner was notified on April 21, 2011; see attached letter and return receipt.

11. Re-contouring of location will match fit, shape, line, form and texture of the surrounding area. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
The location will continue to be used for day to day oil and gas production operations.

12. A minimum of 4 feet of cover shall be achieved and the cover shall include 1 foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
The site has been backfilled to match these specifications.

13. XTO will seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will be used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.
The location will continue to be used for day to day oil and gas production operations.

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); **NA**
    viii. Photo documentation of the site reclamation. **NA**

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	XTO	Project #:	98031-0528
Sample ID:	BGT Closure Composite	Date Reported:	04/21/11
Laboratory Number:	57939	Date Sampled:	04/20/11
Chain of Custody No:	11590	Date Received:	04/20/11
Sample Matrix:	Soil	Date Extracted:	04/21/11
Preservative:	Cool	Date Analyzed:	04/21/11
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**3,560**	**8.9**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Little Stinker #1F**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	04/21/11
Laboratory Number:	04-21-TPH.QA/QC 57943	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	04/21/11
Preservative:	N/A	Date Extracted:	04/21/11
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	04/15/11	04/21/11	1,590	1,490	6.3%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	8.9

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	26.7	25.4	4.9%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	26.7	2,000	1,840	90.8%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **QA/QC for Samples 57943-57944, 57939**

Analyst

Review

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CHAIN OF CUSTODY RECORD

11590

Client: XTO	Project Name / Location: Little Stinker # 1F	ANALYSIS / PARAMETERS
Client Address:	Sampler Name: J McDaniel	
Client Phone No.:	Client No.: 98031-0528	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl2	Preservative HCl	Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
BGT Closure, Composite	4/20/11	1245	57939	(Soil) Sludge Solid Aqueous	1/4oz			X									X					Y	Y
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	4/20/11	1442	[signature]	4/20/11	14:42
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RUSH

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Est. 1970

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

Report Summary

Tuesday April 26, 2011

Report Number: L512484
Samples Received: 04/22/11
Client Project:

Description: Little Stinker 1F

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 R Richards
Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

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

April 26,2011

ESC Sample # : L512484-01

Site ID : LITTLE STINKER 1F

Project # :

Date Received : April 22, 2011
Description : Little Stinker 1F

Sample ID : BGT CLOSURE COMP

Collected By : James McDaniel
Collection Date : 04/20/11 12:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	2600	63.	mg/kg	9056	04/25/11	5
Total Solids	80.		%	2540G	04/25/11	1
Benzene	0.61	0 31	mg/kg	8021/8015	04/22/11	500
Toluene	4 2	3.1	mg/kg	8021/8015	04/22/11	500
Ethylbenzene	1 6	0.31	mg/kg	8021/8015	04/22/11	500
Total Xylene	16.	0.94	mg/kg	8021/8015	04/22/11	500
TPH (GC/FID) Low Fraction	340	63.	mg/kg	GRO	04/22/11	500
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	104.		% Rec.	8021/8015	04/22/11	500
a,a,a-Trifluorotoluene(PID)	104.		% Rec.	8021/8015	04/22/11	500
TPH (GC/FID) High Fraction	1200	100	mg/kg	3546/DRO	04/25/11	20
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	04/25/11	20

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: 04/26/11 14:16 Printed: 04/26/11 14:16

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REPORT OF ANALYSIS

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

April 26,2011

ESC Sample # : L512484-02

Date Received : April 22, 2011
Description : Little Stinker 1F

Site ID : LITTLE STINKER 1F

Sample ID : BGT CLOSURE COMP

Project :

Collected By : James McDaniel
Collection Date : 04/20/11 12:45

Parameter	Result	Det. Limit	Units	Limit	Method	Date/Time	By	Dil
TCLP Extraction	-				1311	04/23/11 0813	MVE	1
Mercury	BDL	0 0010	mg/l	0.20	7470A	04/26/11 1200	MDC	1
Arsenic	0.062	0.050	mg/l	5 0	6010B	04/23/11 1458	ZCS	1
Barium	1 6	0.15	mg/l	100	6010B	04/23/11 1458	ZCS	1
Cadmium	BDL	0 050	mg/l	1.0	6010B	04/23/11 1458	ZCS	1
Chromium	BDL	0.050	mg/l	5.0	6010B	04/23/11 1458	ZCS	1
Lead	BDL	0.050	mg/l	5.0	6010B	04/23/11 1458	ZCS	1
Selenium	BDL	0.050	mg/l	1.0	6010B	04/23/11 1458	ZCS	1
Silver	BDL	0.050	mg/l	5.0	6010B	04/23/11 1458	ZCS	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)
Limit - Maximum Contaminant Level as established by the US EPA
Note:
The reported analytical results relate only to the sample submitted.
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Reported 04/26/11 14:16 Printed: 04/26/11 14:16

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L512484-01	WG532527	SAMP	o-Terphenyl	R1661630	J7

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out

Qualifier Report Information

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

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
04/26/11 at 14:16:48

TSR Signing Reports: 288
R4 - Rush· Three Day

drywt

Sample: L512484-01 Account: XTORNM Received: 04/22/11 09:00 Due Date: 04/27/11 00:00 RPT Date 04/26/11 14:16

Sample: L512484-02 Account: XTORNM Received· 04/22/11 09.00 Due Date: 04/27/11 00.00 RPT Date: 04/26/11 14:16

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Quality Assurance Report
Level II

L512484

April 26, 2011

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Arsenic	< 05	mg/l			WG532442	04/23/11 13:44
Barium	< 15	mg/l			WG532442	04/23/11 13:44
Cadmium	< 05	mg/l			WG532442	04/23/11 13.44
Chromium	< 05	mg/l			WG532442	04/23/11 13.44
Lead	< 05	mg/l			WG532442	04/23/11 13 44
Silver	< 05	mg/l			WG532442	04/23/11 13 44
Selenium	< 05	mg/l			WG532442	04/23/11 15:43
Benzene	< 0005	mg/kg			WG532318	04/22/11 14 51
Ethylbenzene	< 0005	mg/kg			WG532318	04/22/11 14:51
Toluene	< 005	mg/kg			WG532318	04/22/11 14 51
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG532318	04/22/11 14 51
Total Xylene	< 0015	mg/kg			WG532318	04/22/11 14 51
a,a,a-Trifluorotoluene(FID)		% Rec	102 6	59-128	WG532318	04/22/11 14 51
a,a,a-Trifluorotoluene(PID)		% Rec	104 8	54-144	WG532318	04/22/11 14 51
TPH (GC/FID) High Fraction	< 4	ppm			WG532527	04/24/11 22 00
o-Terphenyl		% Rec.	79.25	50-150	WG532527	04/24/11 22.00
Total Solids	< 1	%			WG532338	04/25/11 12:11
Chloride	< 10	mg/kg			WG532595	04/25/11 12 10
Mercury	< 0002	mg/l			WG532448	04/26/11 11:05

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Arsenic	mg/l	0	0	0	20	L512507-01	WG532442
Barium	mg/l	0	0 0833	NA	20	L512507-01	WG532442
Cadmium	mg/l	0	0 0199	NA	20	L512507-01	WG532442
Chromium	mg/l	0	0	0	20	L512507-01	WG532442
Lead	mg/l	0.0770	0 0747	3 42	20	L512507-01	WG532442
Selenium	mg/l	0	0 00600	NA	20	L512507-01	WG532442
Silver	mg/l	0	0.00860	NA	20	L512507-01	WG532442
Total Solids	%	80 0	79.8	0 716	5	L512524-04	WG532338
Mercury	mg/l	0	0	0	20	L512424-02	WG532448

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Arsenic	mg/l	1 13	1.15	102	85-115	WG532442
Barium	mg/l	1 13	1 12	99 1	85-115	WG532442
Cadmium	mg/l	1 13	1 16	103	85-115	WG532442
Chromium	mg/l	1 13	1 12	99.1	85-115	WG532442
Lead	mg/l	1 13	1 14	101	85-115	WG532442
Selenium	mg/l	1 13	1 20	106	85-115	WG532442
Silver	mg/l	1.13	1 22	108	85-115	WG532442

* 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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Quality Assurance Report
Level II

L512484

April 26, 2011

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0 0474	94.8	76-113	WG532318
Ethylbenzene	mg/kg	05	0 0472	94 4	78-115	WG532318
Toluene	mg/kg	05	0 0472	94.4	76-114	WG532318
Total Xylene	mg/kg	15	0 146	97 7	81-118	WG532318
a,a,a-Trifluorotoluene(FID)				102 3	59-128	WG532318
a,a,a-Trifluorotoluene(PID)				101 4	54-144	WG532318
TPH (GC/FID) Low Fraction	mg/kg	5.5	6 97	127.	67-135	WG532318
a,a,a-Trifluorotoluene(FID)				92 05	59-128	WG532318
a,a,a-Trifluorotoluene(PID)				107.5	54-144	WG532318
TPH (GC/FID) High Fraction	ppm	60	42 3	70 5	50-150	WG532527
o-Terphenyl				75 68	50-150	WG532527
Total Solids	%	50	50.0	100.	85-155	WG532338
Chloride	mg/kg	200	215.	108.	85-115	WG532595
Mercury	mg/l	.003	0 00271	90 3	85-115	WG532448

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0454	0 0474	91.0	76-113	4 37	20	WG532318
Ethylbenzene	mg/kg	0 0451	0.0472	90 0	78-115	4 51	20	WG532318
Toluene	mg/kg	0 0452	0 0472	90.0	76-114	4.35	20	WG532318
Total Xylene	mg/kg	0 140	0.146	93.0	81-118	4.79	20	WG532318
a,a,a-Trifluorotoluene(FID)				101 4	59-128			WG532318
a,a,a-Trifluorotoluene(PID)				100 4	54-144			WG532318
TPH (GC/FID) Low Fraction	mg/kg	6 84	6 97	124	67-135	1 90	20	WG532318
a,a,a-Trifluorotoluene(FID)				93 65	59-128			WG532318
a,a,a-Trifluorotoluene(PID)				108 9	54-144			WG532318
TPH (GC/FID) High Fraction	ppm	44 3	42 3	74 0	50-150	4 63	20	WG532527
o-Terphenyl				76 66	50-150			WG532527
Chloride	mg/kg	213	215	106	85-115	0 935	20	WG532595

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Arsenic	mg/l	1.06	0	1.13	93 8	75-125	L512507-01	WG532442
Barium	mg/l	1.14	0.0833	1.13	93.5	75-125	L512507-01	WG532442
Cadmium	mg/l	1.13	0 0199	1 13	98 2	75-125	L512507-01	WG532442
Chromium	mg/l	1.04	0	1.13	92.0	75-125	L512507-01	WG532442
Lead	mg/l	1.20	0.0747	1.13	99 6	75-125	L512507-01	WG532442
Selenium	mg/l	1.16	0 00600	1.13	102	75-125	L512507-01	WG532442
Silver	mg/l	1.17	0.00860	1.13	103	75-125	L512507-01	WG532442
Benzene	mg/kg	2.67	0 170	05	100	32-137	L512172-04	WG532318
Ethylbenzene	mg/kg	5 96	4.00	05	78 5	10-150	L512172-04	WG532318
Toluene	mg/kg	3 28	1 00	05	91 3	20-142	L512172-04	WG532318
Total Xylene	mg/kg	20 5	16 0	.15	59 5	16-141	L512172-04	WG532318

* 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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James McDaniel
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Aztec, NM 87410

Quality Assurance Report
Level II

L512484

April 26, 2011

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Matrix Spike								
a,a,a-Trifluorotoluene(FID)					95.14	59-128		
a,a,a-Trifluorotoluene(PID)					100.6	54-144		
TPH (GC/FID) Low Fraction	mg/kg	6.13	0	5.5	111 *	55-109	L512080-03	WG532318
a,a,a-Trifluorotoluene(FID)					93.60	59-128		WG532318
a,a,a-Trifluorotoluene(PID)					107.5	54-144		WG532318
TPH (GC/FID) High Fraction	ppm	49.2	8.87	60	67.2	50-150	L512630-01	WG532527
o-Terphenyl					69.07	50-150		WG532527
Mercury	mg/l	0.00288	0	.003	96.0	70-130	L512424-02	WG532448
Mercury	mg/l	0.00264	0	.003	88.0	70-130	L512227-02	WG532448

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Matrix Spike Duplicate									
Arsenic	mg/l	1.05	1.06	92.9	75-125	0.948	20	L512507-01	WG532442
Barium	mg/l	1.16	1.14	95.3	75-125	1.74	20	L512507-01	WG532442
Cadmium	mg/l	1.14	1.13	99.1	75-125	0.881	20	L512507-01	WG532442
Chromium	mg/l	1.04	1.04	92.0	75-125	0	20	L512507-01	WG532442
Lead	mg/l	1.20	1.20	99.6	75-125	0	20	L512507-01	WG532442
Selenium	mg/l	1.14	1.16	100	75-125	1.74	20	L512507-01	WG532442
Silver	mg/l	1.18	1.17	104	75-125	0.851	20	L512507-01	WG532442
Benzene	mg/kg	2.77	2.67	104	32-137	3.88	39	L512172-04	WG532318
Ethylbenzene	mg/kg	6.24	5.96	89.6	10-150	4.54	44	L512172-04	WG532318
Toluene	mg/kg	3.43	3.28	97.3	20-142	4.47	42	L512172-04	WG532318
Total Xylene	mg/kg	21.2	20.5	68.9	16-141	3.39	46	L512172-04	WG532318
a,a,a-Trifluorotoluene(FID)				96.52	59-128				WG532318
a,a,a-Trifluorotoluene(PID)				102.3	54-144				WG532318
TPH (GC/FID) Low Fraction	mg/kg	5.60	6.13	102	55-109	9.02	20	L512080-03	WG532318
a,a,a-Trifluorotoluene(FID)				93.48	59-128				WG532318
a,a,a-Trifluorotoluene(PID)				107.1	54-144				WG532318
TPH (GC/FID) High Fraction	ppm	54.7	49.2	76.4	50-150	10.6	20	L512630-01	WG532527
o-Terphenyl				73.38	50-150				WG532527
Mercury	mg/l	0.00294	0.00288	98.0	70-130	2.06	20	L512424-02	WG532448
Mercury	mg/l	0.00268	0.00264	89.3	70-130	1.50	20	L512227-02	WG532448

Batch number /Run number / Sample number cross reference

WG532442 R1660990 L512484-02
WG532318 R1661529 L512484-01
WG532312 R1661533 L512484-02
WG532527 R1661630 L512484-01
WG532338 R1661956 L512484-01
WG532595 R1662769 L512484-01
WG532448 R1663452 L512484-02

* * 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 '

ESC
L·A B S·C·I·E·N·C E·S
YOUR LAB OF CHOICE

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

Tax I D 62-0814289

Est. 1970

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L512484

April 26, 2011

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.

Company Name/Address

XTO Energy, Inc.

382 County Road 3100
Aztec, NM 87410

Alternate Billing

XTORNM031810S

Report to James McDaniel

E-mail to James_McDaniel@xtoenergy.com

Project Description: Little Stinker #1F

City/State Collected: Spencerville, NM

PHONE 505-333-3701

FAX

Client Project No: —

Lab Project #: —

Collected by James McDaniel

Site/Facility ID#: Little Stinker #1F

P O #

Collected by(signature)

Packed on Ice N___ Y X

Rush? (Lab MUST be Notified)

X Next Day . . .100%
____ Two Day . . 50%
____ Three Day. 25%

Date Results Needed

Email?___No_X__Yes

FAX?___No___Yes

No of Cntrs

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix	Depth	Date	Time	No of Cntrs	TCLP Metals 1-4oz/Cool	DRO/GRO (8015) 1-4oz/Cool	BTEX (8021) 1-4oz/Cool	Chlorides 1-4oz/Cool	Remarks/contaminant	Sample # (lab only)
BGT Closure Comp	Comp	SS	—	4/20/11	1245	2	X	X	X	X		512484-01/02

Chain of Custody
Page___of___

Prepared by A127

ENVIRONMENTAL
Science corp

12065 Lebanon Road

Mt. Juliet TN 37122

Phone (615)758-5858
Phone (800) 767-5859
FAX (615)758-5859

CoCode (lab use only)

XTORNM

Template/Prelogin

Shipped Via: Fed Ex

Matrix SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other_____

pH_____ Temp_____

Remarks

Flow_____ Other_____

Relinquished by (Signature)	Date	Time	Received by (Signature)	Samples returned via FedEx_X_ UPS__Other__	Condition (lab use only)
	4/21/11	1500		434198164802	cool
Relinquisher by (Signature	Date	Time	Received by (Signature)	Temp. 3.9	Bottles Received 2-4oz
Relinquisher by (Signature	Date	Time	Received for lab by (Signature)	Date 4/22/11	Time 0900
				pH Checked	NCF

OK

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO	Project #:	98031-0528
Sample ID:	SE Wall	Date Reported:	04-28-11
Laboratory Number:	57979	Sampled:	04-27-11
Chain of Custody No:	11605	Date Received:	04-27-11
Sample Matrix:	Soil	Date Extracted:	04-27-11
Preservative:	Cool	Date Analyzed:	04-28-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**3.2**	**0.1**
Total Petroleum Hydrocarbons	**3.2**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Little Stinker 1F**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO	Project #:	98031-0528
Sample ID:	SW Wall	Date Reported:	04-28-11
Laboratory Number:	57980	Sampled:	04-27-11
Chain of Custody No:	11605	Date Received:	04-27-11
Sample Matrix:	Soil	Date Extracted:	04-27-11
Preservative:	Cool	Date Analyzed:	04-28-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.6**	**0.2**
Diesel Range (C10 - C28)	**9.0**	**0.1**
Total Petroleum Hydrocarbons	**9.5**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Little Stinker 1F**

Analyst

Review

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO	Project #:	98031-0528
Sample ID:	NW Wall	Date Reported:	04-28-11
Laboratory Number:	57981	Sampled:	04-27-11
Chain of Custody No:	11605	Date Received:	04-27-11
Sample Matrix:	Soil	Date Extracted:	04-27-11
Preservative:	Cool	Date Analyzed:	04-28-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Little Stinker 1F**

Analyst

Review

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO	Project #:	98031-0528
Sample ID:	NE Wall	Date Reported:	04-28-11
Laboratory Number:	57982	Sampled:	04-27-11
Chain of Custody No:	11605	Date Received:	04-27-11
Sample Matrix:	Soil	Date Extracted:	04-27-11
Preservative:	Cool	Date Analyzed:	04-28-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Little Stinker 1F**

Analyst

Review

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO	Project #:	98031-0528
Sample ID:	Floor Comp	Date Reported:	04-28-11
Laboratory Number:	57983	Sampled:	04-27-11
Chain of Custody No:	11605	Date Received:	04-27-11
Sample Matrix:	Soil	Date Extracted:	04-27-11
Preservative:	Cool	Date Analyzed:	04-28-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.3**	**0.2**
Diesel Range (C10 - C28)	**8.0**	**0.1**
Total Petroleum Hydrocarbons	**8.3**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Little Stinker 1F**

Analyst

Review

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envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-28-11 QA/QC	Date Reported:	04-28-11
Laboratory Number:	57974	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-28-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	40661	1.010E+03	1.010E+03	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	40661	9.996E+02	1.000E+03	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**2.07**	**0.2**
Diesel Range C10 - C28	**1.67**	**0.1**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.00%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.00%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**224**	**89.5%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**252**	**101%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 57974-57976, 57979-57983.**

Analyst

Review

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Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO	Project #:	98031-0528
Sample ID:	Floor Comp	Date Reported:	04-28-11
Laboratory Number:	57983	Date Sampled:	04-27-11
Chain of Custody:	11605	Date Received:	04-27-11
Sample Matrix:	Soil	Date Analyzed:	04-27-11
Preservative:	Cool	Date Extracted:	04-27-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**ND**	**1.0**
Ethylbenzene	**ND**	**1.0**
p,m-Xylene	**4.9**	**1.2**
o-Xylene	**ND**	**0.9**
Total BTEX	**4.9**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**90.3 %**
	1,4-difluorobenzene	**106 %**
	Bromochlorobenzene	**92.8 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Little Stinker 1F**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0427BBLK QA/QC	Date Reported:	04-27-11
Laboratory Number:	57971	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-27-11
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.2983E+005	1.3009E+005	0.2%	ND	0.1
Toluene	1.3568E+005	1.3595E+005	0.2%	ND	0.1
Ethylbenzene	1.2251E+005	1.2276E+005	0.2%	ND	0.1
p,m-Xylene	2.9120E+005	2.9179E+005	0.2%	ND	0.1
o-Xylene	1.2051E+005	1.2076E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	500	483	96.7%	39 - 150
Toluene	ND	500	508	102%	46 - 148
Ethylbenzene	ND	500	482	96.4%	32 - 160
p,m-Xylene	ND	1000	924	92.4%	46 - 148
o-Xylene	ND	500	474	94.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 57971, 57983.

Analyst

Review

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Chloride

Client:	XTO	Project #:	98031-0528
Sample ID:	Floor Comp	Date Reported:	04/28/11
Lab ID#:	57983	Date Sampled:	04/27/11
Sample Matrix:	Soil	Date Received:	04/27/11
Preservative:	Cool	Date Analyzed:	04/28/11
Condition:	Intact	Chain of Custody:	11605

Parameter	Concentration (mg/Kg)
Total Chloride	**310**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Little Stinker 1F**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

CHAIN OF CUSTODY RECORD

11606

RUSH

Client: XTO	Project Name / Location: LITTLE STINKER 1F	ANALYSIS / PARAMETERS
Client Address: JAMES McDANIEL	Sampler Name: BRAD GRIFFITH	
Client Phone No.: 787-0519	Client No.: 98031-0528	
james.mcdaniel@xtoenergy.com		

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
SE WALL	4/27	1237	57979	(Soil) Solid Sludge Aqueous	1 40Z			X													Y	Y
SW WALL	4/27	1235	57980	(Soil) Solid Sludge Aqueous	1 40Z			X														
NW WALL	4/27	1100	57981	(Soil) Solid Sludge Aqueous	1 40Z			X														
NE WALL	4/27	1236	57982	(Soil) Solid Sludge Aqueous	1 40Z			X														
FLOR COMP	4/27	1238	57983	(Soil) Solid Sludge Aqueous	1 40Z			X	X								X					
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
BL Griffith	4/27	1603		4/27/11	16 03
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RUSH - NXT DAY

RUSH

envirotech
Analytical Laboratory
5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com

ACCENT Printing • Form 28-0807

James McDaniel /FAR/CTOC
04/20/2011 08:25 PM

To "Brandon Powell" <brandon.powell@state.nm.us>
cc "James McDaniel" <James_McDaniel@xtoenergy.com>
bcc
Subject BGT Leak Little Stinker #1F

Brandon,
Please accept this email as the required notice for a leak found in the BGT at the Little Stinker #1F well site (pi 30-045-34061). This well is located in Unit O, Section 11, Township 30N, Range 12W, San Juan County, New Mexico. The leak occurred near the middle of the pit tank, spilling approximately 1 BBC of oil and water into the cellar. Ground water is estimated at over 50 feet, but a small wash runs near the location less than 200 feet away. The wash empties into Farmers Ditch. The tank has been emptied and cleaned out. Due to the proximate of this location to a wash, the pit tank will not be put back into service, but replaced with an above grade tank. Excavation will take place one a one call can be placed. Please accept this email as the required noticed for BGT Closure activities as well. Thank you for time in regards to this matter.

James McDaniel
EHS Coordinator
XTO Energy, Inc.
505-787-0519

XTO ENERGY

April 21, 2011

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

Re: Little Stinker #1F – API # 30-045-34061
Unit O, Section 11, Township 30N, Range 12W, San Juan County, New Mexico

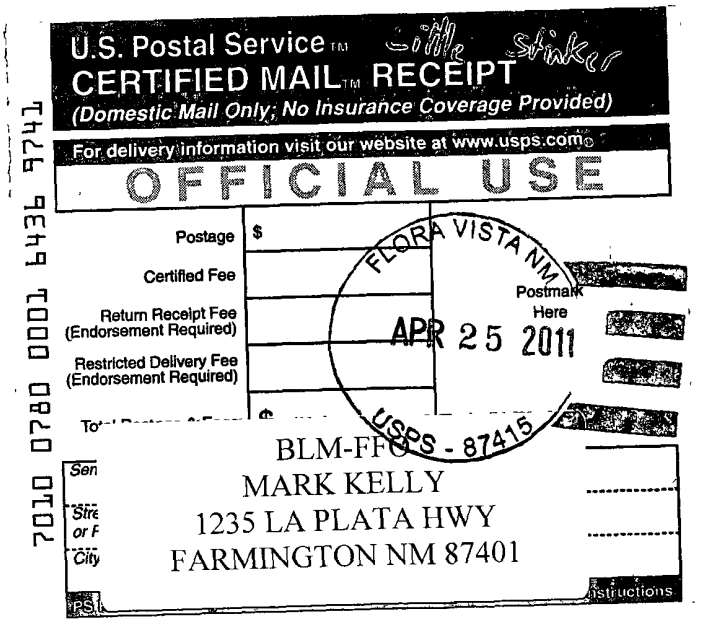
Dear Mr. Kelly,

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

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

Respectfully Submitted,

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



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BLM-FFO
MARK KELLY
1235 LA PLATA HWY
FARMINGTON NM 87401

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery 4/26/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 0780 0001 6436 9741

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

XTO ENERGY

XTO Energy On-Site Form

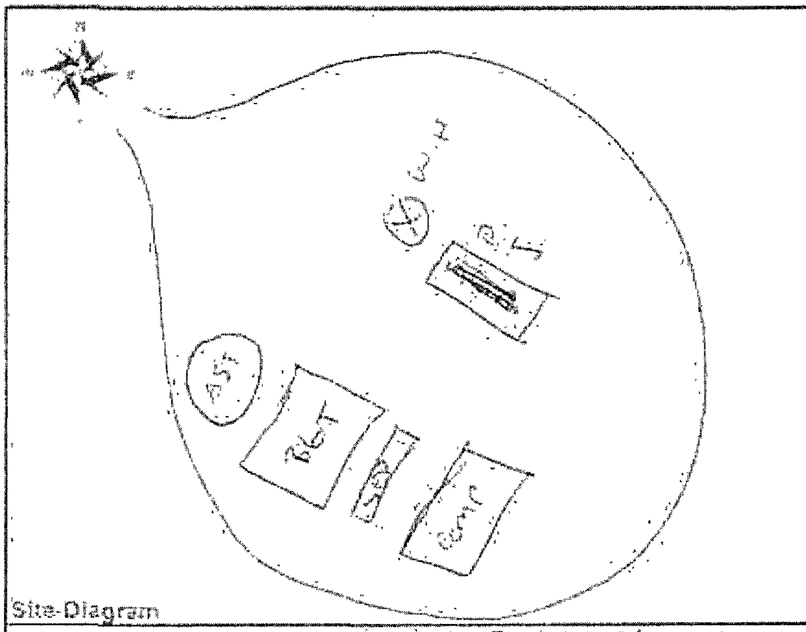
Well Name: LITTLE STINKER 1F   API #: 3004534061

Section: 11   Township: 30N   Range: 12W   County: SAN JUAN

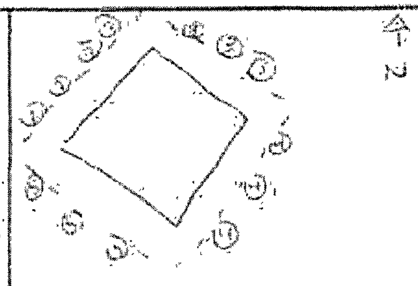
Contractors On-Site: CORE, XTO   Time On-Site: 900   Time Off-Site: 1330

Spill Amount: ________ bbls Spilled (Oil / Produced Water / Other ________)

Land Use (Grazing / Residential / Tribe ________) Excavation ____ x ____ x ____ deep



Site Diagram



Sample Location

Sample Location

TANK WAS ALFOUND BEHIND THE SIVB HAS BEEN ... DURING OIL SO IT HAS ... ALSO.

Comments

Number of Photos Taken

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
917	NA	ISO Standard	NA	100.0	NA
955	1	FLOOR COMPOSITE	BROWN SILT	1150	
1100	2	NW WALL	↓	19	SOILS
1235	3	NE WALL	↓	5	SOILS
1250	4	SE WALL	↓	9	SOILS
1257	5	SW WALL	↓	8	SOILS
1238	6	FLOOR COMP	↓	136	SOILS, SOIL, CHLORIDES

Name (Print): BRAD GRIFFITH   Date: 4/28/11

Name (Signature): [signature]   Company: NIELSON PAVING

16490

IEI Industrial Ecosystems Inc.

Industrial Ecosystems Inc.
#49 ( ) • Aztec, NM 87410
Phone: [illegible]782 • Fax: 505-632-1876

Unit: 502
Employee: Keystone
Contact: James McDaniel
Date: 4-27-11
PO#:
Billing Code:

Customer: XTO

Location Name: Little Sink #1F

☐ Jicarilla Apache Land ☐ Southern Ute Land

LABOR		HRS/UNITS		RATE		TOTAL
Equipment Operator	41000.1		Hours/Day	$	Per hour/day	$
General Laborer	41000.1		Hours	$	Per hour	$
Project Manager	41000.1		Hours	$	Per hour	$
Per Diem	41000.1		Hours	$	Per day/man	$
Travel Time	41000.1		Hours	$	Per hour	$
EQUIPMENT						
4wd Pickup	42000.1		Miles	$	Per mile	$
12yd Dump Truck	42000.1		Hours	$	Per hour	$
18yd Side Dump	42000.1		Hours	$	Per hour	$
Backhoe with Operator	42000.1		Hours	$	Per hour	$
Loader with Operator	42000.1		Hours	$	Per hour	$
Excavator with Operator	42000.1		Hours	$	Per hour	$
One Ton Truck	42000.1		Hours/Day	$	Per hour/day	$
Portable Pressure Wash	42000.1		Hours/Day		Per hour/day	$
Portable Pres. Wash Unit	42000.1		Hours	$	Per hour	$
80 Barrel Vacuum Truck	42000.1		Hours	$	Per hour	$
King Vac Truck with Crew	42000.1		Hours	$	Per hour	$
Skid Steer	42000.1		Hours	$	Per hour	$
Mileage	42000.1		Miles	$	Per mile	$
SCBA (Breathing Apparatus)	42000.1		Day	$	Per day	$
SCBA Refill	42000.1		Each	$	Per Refill	$
LEL,O^2,H^2S Monitoring	42000.1		Day	$	Per day	$
SERVICES						
Chloride Test	45000.2	1	Each	$ 15.00	Per test	$ 15.00
Mobile Dewatering	42100.1		Hours/Day	$	Per hour/day	$
Mob/Demob	42100.1		Hours	$	Per hour	$
Monthly Maintenance	45000.1		Month	$	Per month	$
SUPPLIES						
Soap/Degreaser			Gallons	$	Per gallon	$
Misc. Description:			Each	$	Per:	$
Virgin Soil/Gravel	45500.2		Cubic yard	$	Per yard	$
DISPOSAL & MISC.						
Disposal Fee (solids)	44000.2	48	Cubic yard	$ 20.00	Per yard	$ 960.00
Disposal Fee (liquids)	44100.2		Per barrel	$	Per barrel	$
Facility Use Fee	42000.2		Each	$	Each	$
					Sub Total	975.00
					Tax [illegible]	
					Total less 10%	-97.50

$ 877.50

Comments: Cont. Soil

Employee Signature

Customer Signature

FOR BILLING INQUIRIES PLEASE CALL (505) 632-1782

AMOUNTS ARE DUE NET 30 DAYS PURCHASER AGREES TO PAY FINANCE CHARGES OF 1.5% PER MONTH (ANNUAL PERCENTAGE RATE OF 18%) OR A MINIMUM CHARGE OF 50 PER MONTH ACCOUNTS THAT HAVE BEEN PLACED FOR COLLECTION WILL BE CHARGED A $100 00 COLLECTION FEE IN ADDITION TO REASONABLE ATTORNEY FEES AND COLLECTION CHARGES

Well Below Tank Inspection Report

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 57	LITTLE STINKER 001F	Johnson, Scott	Morrow, Pete	LITTLE STINKER 01F	3004534061	11	12W	30N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
mb	08/28/2008	11 30	No	No	No	No	No	2			
mb	09/19/2008	11 30	No	No	No	No	No	3			
mb	10/25/2008	11 00	No	No	No	No	No	4	Well Water Pit	Below Ground	
SD	11/15/2008	09 25	No	No	No	No	No	5	Well Water Pit	Below Ground	
SD	11/15/2008	10 30	No	No	No	No	No	4	Well Water Pit	Below Ground	
SD	01/29/2009	08 20	No	No	No	No	No	4	Well Water Pit	Below Ground	
SD	02/07/2009	09 00	No	No	No	No	No	3	Well Water Pit	Below Ground	
SD	02/07/2009	14 40	No	No	No	No	No	4	Well Water Pit	Below Ground	
SD	03/10/2009	13.30	No	No	No	No	No	1	Well Water Pit	Below Ground	
SD	04/02/2009	13 45	No	No	No	No	No	1	Well Water Pit	Below Ground	
SD	05/25/2009	13 20	No	No	No	No	No	1	Well Water Pit	Below Ground	
SD	06/13/2009	11.16	No	No	No	No	No	1	Well Water Pit	Below Ground	
SD	11/08/2009	13 40	No	No	No	No	No	5	Well Water Pit	Below Ground	
SD	03/29/2010	11 00	No	No	No	No	No	1	Well Water Pit	Below Ground	
SCOTT JOHNSON	04/28/2010	11 00	No	No	No	No	No	1	Well Water Pit	Below Ground	
SCOTT JOHNSON	06/22/2010	11 00	No	No	No	No	No	1	Well Water Pit	Below Ground	
SCOTT JOHNSON	07/27/2010	11.00	No	No	No	No	No	4	Well Water Pit	Below Ground	
SCOTT JOHNSON	10/28/2010	11:00	No	No	No	No	No	4	Well Water Pit	Below Ground	
SCOTT JOHNSON	11/16/2010	11:00	No	No	No	No	No	4	Well Water Pit	Below Ground	
SCOTT JOHNSON	03/22/2011	11.00	No	No	No	No	No	4	Well Water Pit	Below Ground	

8347

XTO Energy, Inc.
Little Stinker #1F
Section 11, Township 30N, Range 12W
Closure Date: 4/28/2011

RECEIVED
SEP 2011
OIL CONS. DIV. DIST. 3

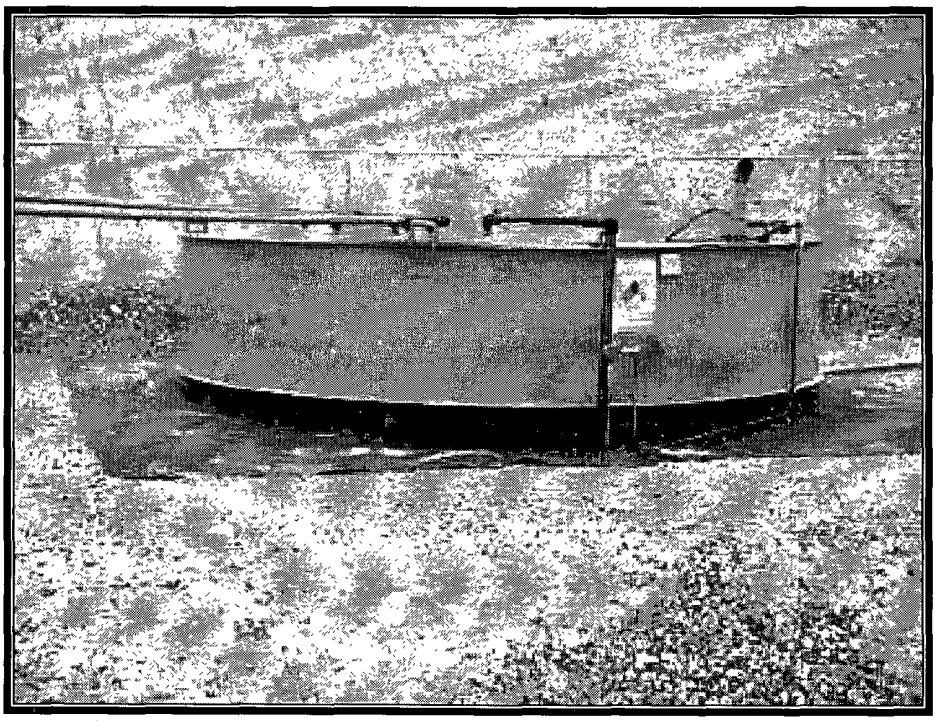


Photo 1: Little Stinker #1F after Backfill and Tank re-set (View 1)

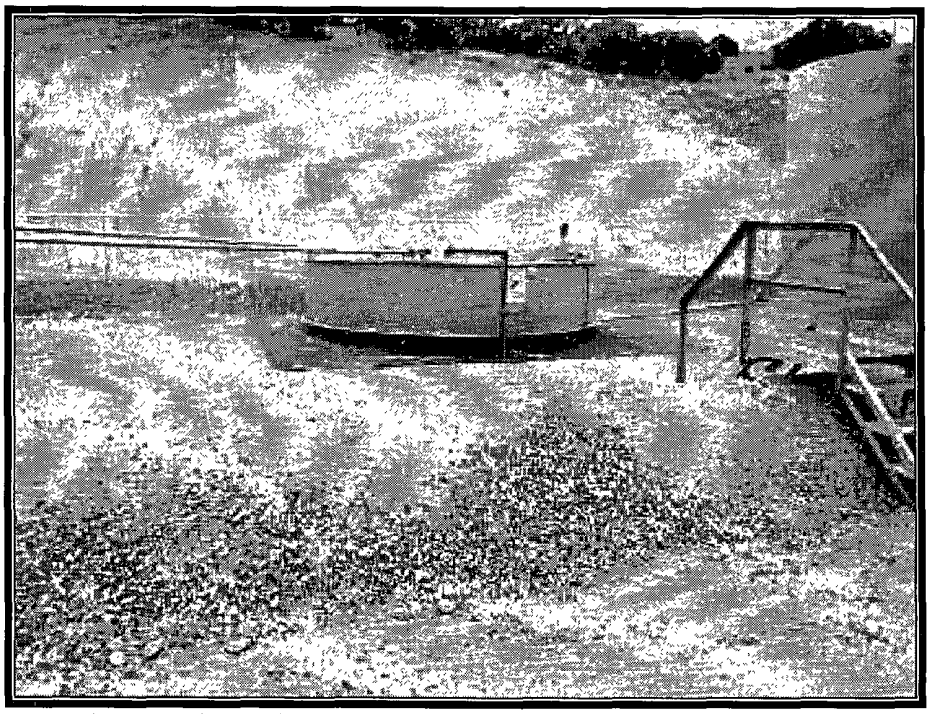


Photo 2: Little Stinker #1F after Backfill and Tank re-set (View 2)