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

979

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

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

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

Operator: XTO Energy, Inc OGRID #: 5380

Address: 382 Road 3100, Aztec, New Mexico 87410

Facility or well name: Florance LS #4

API Number: 30-045-0472 OCD Permit Number:

U/L or Qtr/Qtr K Section 18 Township 27N Range 8W County: San Juan

Center of Proposed Design: Latitude 36 56972 Longitude -108 00250 NAD: ☐ 1927 ☒ 1983

Surface Owner ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2

☐ **Pit:** Subsection F or G of 19 15.17 11 NMAC

RCVD MAR 13 '12
OIL CONS. DIV.
DIST. 3

Temporary ☐ Drilling ☐ Workover

☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A

☐ Lined ☐ Unlined Liner type: Thickness ____ ___mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other ____

☐ String-Reinforced

Liner Seams ☐ Welded ☐ Factory ☐ Other Volume ____ bbl Dimensions. L ___ x W ___ x D '

3

☐ **Closed-loop System:** Subsection H of 19.15 17 11 NMAC

Type of Operation. ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)

☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other ____

☐ Lined ☐ Unlined Liner type Thickness ___ ____ ___mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other ____

Liner Seams. ☐ Welded ☐ Factory ☐ Other ____

4

☒ **Below-grade tank:** Subsection I of 19 15 17 11 NMAC

Volume 95 ___bbl Type of fluid Produced Water

Tank Construction material Steel

☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off

☐ Visible sidewalls and liner ☒ Visible sidewalls only ☐ Not labeled

Liner type: Thickness ___ ____ ___mil ☐ HDPE ☐ PVC ☐ Other ____

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

26

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 I 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	☐ Yes ☒ No
Within 500 feet of a wetland	☐ Yes ☒ No
Within the area overlying a subsurface mine - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area. - Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS; NM Geological Society, Topographic map	☐ Yes ☒ No
Within a 100-year floodplain FEMA map	☐ Yes ☒ No

11

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19 15 17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☒ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19 15 17 9 NMAC
- ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC
- ☒ Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19 15.17.12 NMAC
- ☒ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15 17 9 NMAC and 19 15 17 13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ _____ or Permit Number _____

12.

Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15 17 9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
- ☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15 17 10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19 15.17 11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15.17.9 NMAC and 19.15 17 13 NMAC

☐ Previously Approved Design (attach copy of design) API Number _____ _____ _____

☐ Previously Approved Operating and Maintenance Plan API Number _____ _____ _____ *(Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)*

13

Permanent Pits Permit Application Checklist: Subsection B of 19 15 17 9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15 17 9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15 17 10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19 15 17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15 17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including 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) Logan Hixon Title Environmental Technician

Signature Date: 3/13/12

E-mail address Logan_Hixon@xtoenergy com Telephone: (505)333-3683

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

OCD Representative Signature: Jonathan D. Kelly **Approval Date:** 3/13/2012

Title: Compliance Officer **OCD Permit Number:**

21
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC

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

☒ **Closure Completion Date: 1-19-12**

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: Environmental Technician

Signature: Date: 3/13/12

E-mail address Logan_Hixon@xtoenergy com Telephone. (505)333-3683

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. Logan Hixon
Address. 382 Road 3100, Aztec, New Mexico 87410	Telephone No.. (505) 333-3683
Facility Name Florance LS #4 (API 30-045-06472)	Facility Type: Gas Well (Mesa Verde)

Surface Owner: Federal	Mineral Owner	Lease No.. NMSF078625

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	18	27 N	8 W	1550	FSL	1825	FWL	San Juan County

Latitude: N36 572300 **Longitude:** W-107 724800

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release Unknown	Volume Recovered. None
Source of Release BGT 95 BBL	Date and Hour of Occurrence: Historical	Date and Hour of Discovery November 7, 2011
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour.	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken *
The below grade tank was taken out of service at the Florance LS #4 well site due to the plugging and abandoning of this well site A composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418.1 and 8015. Benzene and BTEX via USEPA Method 8021, and for total chlorides The sample returned results below the 'Pit Rule' spill confirmation standards for Benzene, Total BTEX and equal to the 'Pit Rule" spill confirmation standards for chlorides, but above the 'pit rule' standards for TPH, confirming that a release had occurred at this location The site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills, and Releases The NMOCD ranking for this site is a 10 due to a distance of less than 1000' to a dry arroyo. This set the closure standard to 1000 ppm TPH 50 ppm BTEX and 10 ppm benzene

Describe Area Affected and Cleanup Action Taken.*
Based on TPH results of 1380 PPM beneath the 95 bbl BGT, 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

Signature Logan H	OIL CONSERVATION DIVISION	
Printed Name Logan Hixon	Approved by District Supervisor:	
Title Environmental Technician	Approval Date	Expiration Date
E-mail Address Logan_Hixon@xtoenergy.com	Conditions of Approval:	Attached ☐
Date 3/13/2012 Phone. 505-333-3683		

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

Lease Name: Florance LS #4
API No.: 30-045-06472
Description: Unit K, Section 18, Township 27N, Range 8W, 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 January 9, 2012

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 January 9, 2012

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 them at a division approved facility, or recycle, reclaim or reuse it in a manner that is approved by the division.

6 XTO will remove any on-site equipment associated with a below-grade tank unless the equipment is required for some other purpose.
All equipment has been removed due to the plugging and abandoning of the Florance LS #4

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 pits 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	**< 0.0032 mg/kg**
BTEX	EPA SW-846 8021B or 8260B	50	**< 0.0479 mg/kg**
TPH	EPA SW-846 418.1	100	**1380 mg/kg**
Chlorides	EPA 300.1	250 or background	**=250 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 1380 PPM beneath our 95 bbl BGT, 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:

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 December 30, 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 December 30, 2011 via email. Email has been approved as a means of surface owner notification to the BLM by Brandon Powell, NMOCD Aztec Office.

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

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

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

14. All closure activities will include proper documentation and be available for review upon request and will be submitted in closure report form to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on form C-144 and incorporate the following:
    - i Proof of closure notice to division and surface owner; **attached**
    - ii. Details on capping and covering, where applicable; **per OCD Specifications**
    - iii. Inspection reports: **attached**
    - iv. Confirmation sampling analytical results; **attached**
    - v. Disposal facility name(s) and permit number(s); **see above**
    - vi. Soil backfilling and cover installation; **per OCD Specifications**
    - vii. Re-vegetation application rates and seeding techniques, (or approved alternative to re-vegetation requirements if applicable); **Per BLM MOU.**
    - viii. Photo documentation of the site reclamation. **attached**

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Est. 1970

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

Report Summary

Monday November 07, 2011

Report Number: L544273
Samples Received: 10/29/11
Client Project:

Description: BGT Closure / Florance LS 4

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 L Richards

Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AZDHA - 100789, AL - 40660, CA - I-2307, 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
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915, PA - 68-02979

Accreditations only apply to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 5-11 is not approved or endorsed by the CA ELAP

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Fed. ID#

REPORT OF ANALYSIS

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

November 07,2011

Date Received : October 29, 2011
Description : BGT Closure / Florance LS 4

ESC Sample # : L544273-01

Site ID : FLORANCE LS 4

Sample ID 21 BBL BGT

Project # :

Collected By Brad Griffith
Collection Date 10/28/11 07:57

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil
Chloride	64.	12.	mg/kg	9056	11/03/11	1
Total Solids	81		%	2540G	11/04/11	1
Benzene	BDL	0.0031	mg/kg	8021/8015	11/01/11	5
Toluene	BDL	0.031	mg/kg	8021/8015	11/01/11	5
Ethylbenzene	BDL	0.0031	mg/kg	8021/8015	11/01/11	5
Total Xylene	BDL	0.0092	mg/kg	8021/8015	11/01/11	5
TPH (GC/FID) Low Fraction	BDL	0.62	mg/kg	GRO	11/01/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	94.5		% Rec.	8021/8015	11/01/11	5
a,a,a-Trifluorotoluene(PID)	93.7		% Rec.	8021/8015	11/01/11	5
TPH (GC/FID) High Fraction	BDL	4.9	mg/kg	3546/DRO	11/04/11	1
Surrogate Recovery(%)						
o-Terphenyl	59.9		% Rec.	3546/DRO	11/04/11	1

Results listed are dry weight basis
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)
Note

The reported analytical results relate only to the sample submitted
Reported: 11/07/11 14:53 Printed: 11/07/11 15:09

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Max TAT: 07-Nov-2011

Est: 970

REPORT OF ANALYSIS

November 07, 2011

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

ESC Sample # : 1544273-02

Date Received : October 29, 2011
Description : BGT Closure / Florance LS 4

Site ID : FLORANCE LS 4

Sample ID : 95 BBL BGT

Project #

Collected By : Brad Griffith
Collection Date : 10/28/11 07:59

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	250	13	mg/kg	9056	11/03/11	1
Total Solids	79		%	2540G	11/04/11	1
Benzene	BDL	0.0032	mg/kg	8021/8015	11/01/11	5
Toluene	BDL	0.032	mg/kg	8021/8015	11/01/11	5
Ethylbenzene	BDL	0.0032	mg/kg	8021/8015	11/01/11	5
Total Xylene	BDL	0.0095	mg/kg	8021/8015	11/01/11	5
TPH (GC/FID) Low Fraction	BDL	0.63	mg/kg	GRO	11/01/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	94.4		% Rec	8021/8015	11/01/11	5
a,a,a-Trifluorotoluene(PID)	94.5		% Rec	8021/8015	11/01/11	5
TPH (GC/FID) High Fraction	31.	5.1	mg/kg	3546/DRO	11/03/11	1
Surrogate recovery(%)						
o-Terphenyl	71.2		% Rec	3546/DRO	11/03/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported: 11/07/11 14:53 Printed: 11/07/11 15:09

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Est. 1970

X10 Energy - San Juan Division
James Madden
301 County Road 3100
Aztec, NM 87410

Quality Assurance Report
Level II

V514-3

November 07, 2011

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG563388	11/01/11 12:56
Ethylbenzene	< .0005	mg/kg			WG563388	11/01/11 12:56
Toluene	< .005	mg/kg			WG563388	11/01/11 12:56
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG563389	11/01/11 12:56
Total Xylenes	< .0015	mg/kg			WG563388	11/01/11 12:56
a,a,a-Trifluorotoluene(FID)		% Rec	95.09	54-144	WG563388	11/01/11 12:56
a,a,a-Trifluorotoluene(PID)		% Rec	95.99	54-144	WG563388	11/01/11 12:56
Chloride	< 3	mg/kg			WG563720	11/03/11 16:56
Total Solids	< .1	%			WG563566	11/01/11 12:47
TPH (GC/FID) High Fraction	< 1	ppm			WG563941	11/04/11 14:09
o-Terphenyl		% Rec	75.1	50-150	WG563941	11/04/11 14:09
TPH (GC/FID) High Fraction	< 1	ppm			WG563941	11/04/11 13:12
o-Terphenyl		% Rec	66.96	50-150	WG563941	11/04/11 13:12

Duplicate

Analyte	Units	Result	Dup Result	RPD	Limit	Ref Samp	Batch
Total Solids	%	91.7	89.3	2.7*	5	L644344-07	WG563566

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0465	93.1	70-113	WG563388
Ethylbenzene	mg/kg	.05	0.0446	89.3	78-113	WG563388
Toluene	mg/kg	.05	0.0464	92.7	76-114	WG563388
Total Xylenes	mg/kg	.15	0.132	87.9	81-118	WG563388
a,a,a-Trifluorotoluene(FID)				93.7	54-144	WG563388
TPH (GC/FID) High Fraction	mg/kg	5.0	5.38	97.8	64-145	WG563388
a,a,a-Trifluorotoluene(PID)				104	54-144	WG563388
Chloride	mg/kg	100	100	100	90-110	WG563720
Total Solids	%	50	50.1	100	85-115	WG563566
TPH (GC/FID) High Fraction	ppm	50	45.5	91.0	50-150	WG563941
o-Terphenyl				93.0	50-150	WG563941
TPH (GC/FID) High Fraction	ppm	50	49.5	82.6	50-150	WG563941
o-Terphenyl				80.7	50-150	WG563941

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0458	0.0465	92.0	70-113	1.51	20	WG563388
Ethylbenzene	mg/kg	0.0441	0.0446	88.3	78-113	1.13	20	WG563388
Toluene	mg/kg	0.0461	0.0464	90.6	76-114	0.650	20	WG563388
Total Xylenes	mg/kg	0.125	0.132	83.0	81-118	5.23	20	WG563388

* 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
James McDaniel
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L544313

November 7, 2011

Laboratory Control Sample Duplicate								
Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
a,a,a-Trifluorotoluene(FID)				93.85	54-144			
TPH (GC/FID) Low Fraction	mg/kg	5.50	5.33	100	67-135	3.16	20	WG564264
a,a,a-Trifluorotoluene(FID)				103.[illegible]	59-128			WG563328
Chloride	mg/kg	103	[illegible]0	103	85-115	2.41	20	WG56[illegible]
TPH (GC/FID) High Fraction	ppm	43.9	4[illegible].5	[illegible]	50-150	[illegible]	20	WG563943
o-Terphenyl				[illegible]8.06	50-150			WG563942
TPH (GC/FID) High Fraction	ppm	4[illegible]	49.5	75.0	50-150	9.16	20	WG563741
o-Terphenyl				74.5[illegible]	50-150			WG563474

Matrix Spike								
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/kg	0.13	0	.162	85.1	32-137	L544313-01	WG563388
Ethylbenzene	mg/kg	0.230	.00320	.162	90.[illegible]	10-150	L544313-01	WG563388
Toluene	mg/kg	0.14[illegible]		.162	89.[illegible]	20-142	L544313-01	WG563388
Total Xylene	mg/kg	0.495	0.0030	.5	84.[illegible]	16-141	L544313-01	WG563388
a,a,a-Trifluorotoluene(PID)				91.[illegible]	54-144			WG563388
TPH (GC/FID) Low Fraction	mg/kg	24.6	[illegible]	5.5	83.[illegible]	55-109	L544313-01	WG563388
a,a,a-Trifluorotoluene(FID)				98.75	59-128			WG563388
TPH (GC/FID) High Fraction	ppm	81[illegible]	70.0	60	7[illegible]	50-150	L544246-01	WG563742
o-Terphenyl				83.54	50-150			WG563742
TPH (GC/FID) High Fraction	ppm	46.3	[illegible]	60	7[illegible]	50-150	L544315-16	WG563964
o-Terphenyl				56.42	50-150			WG563934

Matrix Spike Duplicate									
Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	0.194	0.213	77.[illegible]	32-137	9.42	39	L544313-01	WG563388
Ethylbenzene	mg/kg	0.208	0.230	9[illegible].8	10-150	10.[illegible]	44	L544313-01	WG563388
Toluene	mg/kg	0.[illegible]6	0.149	90.[illegible]	[illegible]0-142	9.[illegible]	4[illegible]	L544313-01	WG563388
Total Xylene	mg/kg	0.42	0.495	75.3	16-141	10.2	4[illegible]	L544313-01	WG563388
a,a,a-Trifluorotoluene(PID)				91.[illegible]	54-144				WG563388
TPH (GC/FID) Low Fraction	mg/kg	[illegible]	24.6	66.[illegible]	55-109	3.84	20	L544313-01	WG563388
a,a,a-Trifluorotoluene(FID)				99.64	59-128				WG563388
TPH (GC/FID) High Fraction	ppm	[illegible]	[illegible]	8[illegible]	50-150	[illegible]	25	L544[illegible]-01	WG563742
o-Terphenyl				93.8	50-150				WG563742
TPH (GC/FID) High Fraction	ppm	4[illegible].8	46.3	69.6	50-150	[illegible]	[illegible]	L544[illegible]-[illegible]	WG563911
o-Terphenyl				5[illegible]	50-150				WG563894

Batch number / Run number / Sample number cross reference

WG563388: R1916797: L544313-01 02
WG563328: R1920593: L544313-01 02
WG564264: R1921291: L544313-01 02
* 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
James McDaniel
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Aztec, NM 87410

Quality Assurance Report
Level II

[illegible]

November 07, [illegible]11

W[illegible]3741	R[illegible]21434	[illegible]73-01
W5563742	R[illegible]1573	[illegible]73-02

* * Calculations are performed prior to rounding of reported values.
* * Performance of this Analyte is outside of established criteria.
  For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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James McLarin
[illegible] Road [illegible]

[illegible], NM 87[illegible]

Quality Assurance Report
Level I

[illegible]

November [illegible]

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 affected 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 affected 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.

A108

Chain of Custody
Page___of___

Company Name/Address	Alternate Billing	Analysis/Container/Preservative
XTO ENERGY, INC. 382 County Road 3100 AZTEC, NM 87410	Report to James McDaniel E-mail to james_mcdaniel@xtoenergy.com	

Prepared by

ENVIRONMENTAL SCIENCE CORP
12065 Lebanon Road
Mt Juliet TN 37122
Phone (615)758-5858
Phone (800) 767-5859
FAX (615)758-5859

Project Description BGT Closure / FLORANCE LS #4		City/State Collected.	
PHONE 505-333-3701 FAX	Client Project No	Lab Project #	
Collected by Brad Griffith	Site/Facility ID# FLORANCE LS #4	P O #	
Collected by(signature) Packed on Ice N___ Y_X	Rush? (Lab MUST be Notified) _____Next Day . 100% _____Two Day . . 50% _____Three Day 25%	Date Results Needed Email? _No_X_Yes FAX?___No___Yes	No of Cntrs

CoCode (lab use only)
XTORNM
Template/Prelogin
Shipped Via: Fed Ex

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	8015	8021	Chlorides	Remarks/contaminant	Sample # (lab only)
21 BBL BGT	COMP	SS		10/28	757	X	X	X		544273-01
95 BBL BGT	COMP	SS		10/28	759	X	X	X		-02

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

Remarks "ONLY 1 COC Per Site!!" Flow_____ Other_____

Relinquisher by (Signature)	Date	Time	Received by (Signature)	Samples returned via FedEx_X_ UPS__Other__	Condition (lab use only)
Brad Griffith	10/28	0925			
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp 3.1 3.1c	Bottles Received 02
Relinquisher by (Signature)	Date	Time	Received for lab by (Signature)	Date 10-29-11	Time 0900
					pH Checked NCF X

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Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client.	XTO	Project #.	98031-0528
Sample ID.	21 BBL BGT	Date Reported.	10/28/11
Laboratory Number	60132	Date Sampled:	10/28/11
Chain of Custody No	12837	Date Received.	10/28/11
Sample Matrix	Soil	Date Extracted.	10/28/11
Preservative	Cool	Date Analyzed.	10/28/11
Condition.	Intact	Analysis Needed	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**72.0**	**7.2**

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: **Florance LS #4**

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 418.1
TOTAL PETROLEUM HYDROCARBONS

Client	XTO	Project #.	98031-0528
Sample ID.	95 BBL BGT	Date Reported:	10/28/11
Laboratory Number:	60133	Date Sampled:	10/28/11
Chain of Custody No:	12837	Date Received	10/28/11
Sample Matrix.	Soil	Date Extracted:	10/28/11
Preservative	Cool	Date Analyzed	10/28/11
Condition:	Intact	Analysis Needed:	TPH-418 1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,380**	**7.2**

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: **Florance LS #4**

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 418.1
TOTAL PETROLEUM HYDROCARBONS
QUALITY ASSURANCE REPORT

Client	QA/QC	Project #:	N/A
Sample ID	QA/QC	Date Reported	10/28/11
Laboratory Number	10-28-TPH.QA/QC 60132	Date Sampled	N/A
Sample Matrix:	Freon-113	Date Analyzed.	10/28/11
Preservative	N/A	Date Extracted.	10/28/11
Condition.	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF.	% Difference	Accept. Range
	10/18/2011	**10/28/11**	**1,800**	**1,720**	**4.4%**	**+/- 10%**

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	**ND**	**7.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	**72.0**	**64.8**	**10.0%**	**+/- 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	**72.0**	**2,000**	**1,870**	**90.3%**	**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 60132 and 60133.**

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

12837

Client	Project Name / Location
XTO	FLORANCE LS #4
Client Address: 382 Road 3100	**Sampler Name:** BRAD GRIFFITH
Client Phone No.: JAMES 787-0519	**Client No.:** 98031-0528

ANALYSIS / PARAMETERS

Sample No./Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl2	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
21 BBL BGT	10/28	0757	60132	(Soil) Solid Sludge Aqueous	1 4oz											X				Y	Y
95 BBL BGT	10/28	0759	60133	(Soil) Solid Sludge Aqueous	1 4oz											X				Y	✓
				Soil Solid Sludge Aqueous																	
				Soil Solid Sludge Aqueous																	
				Soil Solid Sludge Aqueous																	
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Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Bl Giffh	10/28	0905	[signature]	10-28	9:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

envirotech
Analytical Laboratory

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

James McDaniel /FAR/CTOC
12/30/2011 03:35 PM

To Mark_Kelly@blm.gov
cc
bcc
Subject BGT Closure Notifications

Mark,
Please accept this email as the required notification for BGT closure activities at the following two well sites

Johnson Gas COM B #1E (api #30-045-24166) located in Unit I, Section 21, Township 27N, Range 10W, San Juan County New Mexico.

Florance LS #4 (api #30-045-06472) located in Unit K, Section 18, Township 27N, Range 8W, San Juan County, New Mexico

Both of these below grade tanks are being closed due to plugging and abandoning of these well locations. Thank you for your time in regards to this matter.

James McDaniel, CHMM #15676
EH&S Supervisor
XTO Energy, Inc.
Office # 505.333.3701
Cell # 505-787-0519
James_McDaniel@xtoenergy.com

James McDaniel /FAR/CTOC
12/30/2011 03.30 PM

To brandon.powell@state nm.us
cc Thomas Dawes/FAR/CTOC@CTOC
bcc
Subject Johnson Gas COM B #1E BGT Closure

Brandon,
Please accept this email as the required notification for BGT closure activities at the following two well sites

Johnson Gas COM B #1E (api #30-045-24166) located in Unit I, Section 21, Township 27N, Range 10W, San Juan County, New Mexico.

Florance LS #4 (api #30-045-06472) located in Unit K, Section 18, Township 27N, Range 8W, San Juan County, New Mexico

Both of these below grade tanks are being closed due to plugging and abandoning of these well locations. Thank you for your time in regards to this matter.

James McDaniel, CHMM #15676
FH&S Supervisor
XTO Energy, Inc.
Cell # 505-787-0519

Jones, Brad A., EMNRD

From: James_McDaniel@xtoenergy.com
Sent: Thursday, October 27, 2011 12:18 PM
To: Jones, Brad A , EMNRD
Subject: Florance LS #4 BGT Closure

Brad,

Please accept this email as a request for approval of the closure plan only for the BGT at the Florance LS #4 location (api #30-045-06472) located in Unit K, Section 18, Township 27N, Range 8W, San Juan County, New Mexico. Our records show that this closure plan was submitted to your office on 2/27/2009. This BGT is being closed due to the plugging and abandoning of this well location Thank you for your time in regards to this matter.

James McDaniel, CHMM #15676
EH&S Supervisor
XTO Energy, Inc.
Office # 505-333-3701
Cell # 505-787-0519
James_Mcdaniel@xtoenergy.com

XTO Energy. Inc.
Florance LS #4
Section 18, Township 27N, Range 8W
Closure Date. 1/9/2012

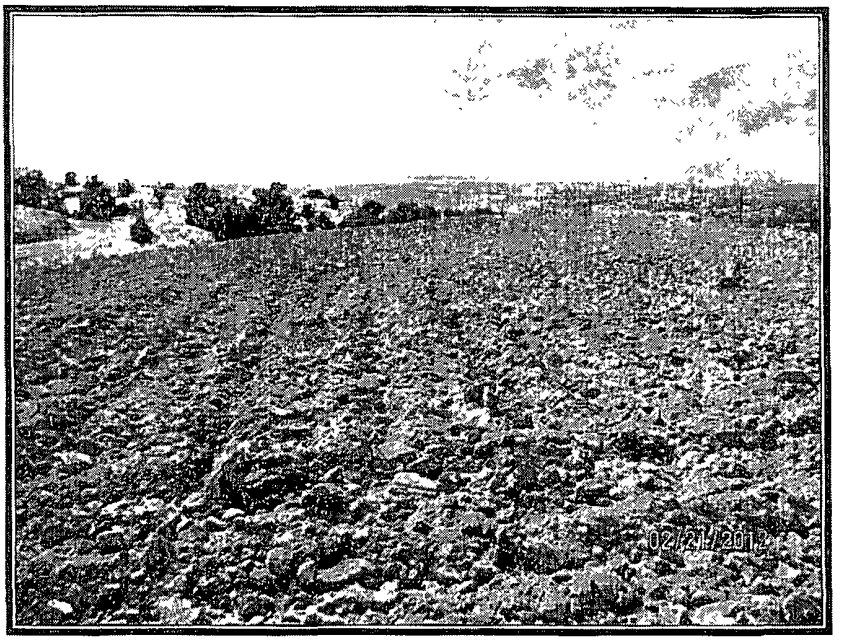

Photo 1: Florance LS #4 after reclamation (View 1)

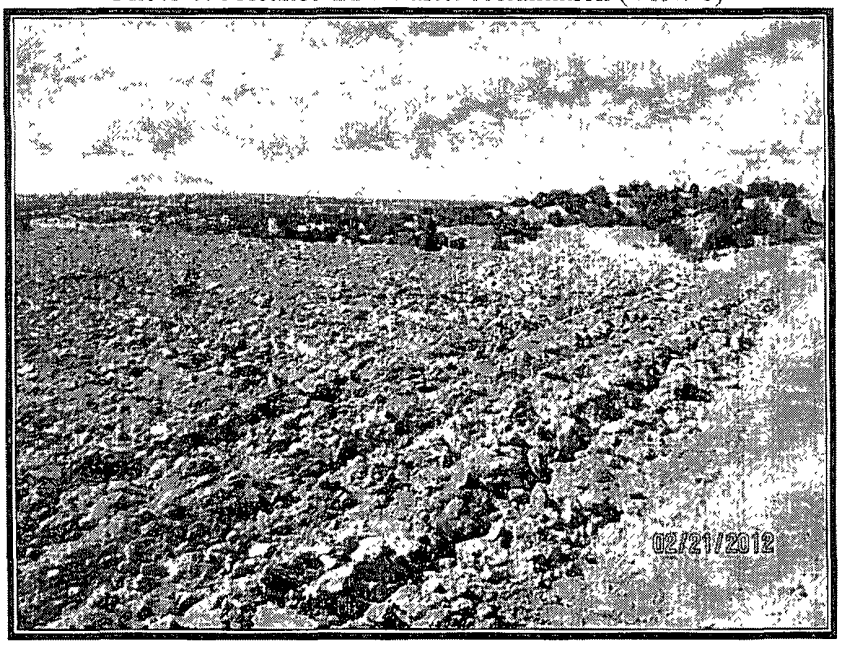

Photo 2: Florance LS #4 after reclamation (View 2)

Well Below Tank Inspection Report

Below Grade Pit Forms (Temp) Florans LS 04 Thompson Ronnie Unassigned FLORANCE 04 (PA) 3004506472 18 8W 27N

InspectorName	Inspection	Inspection	Visible	VisibleTankLeak	Collection	Visible	Visible	Freeboard	PitLocation	PitType	Notes
L Parke	07/23/2008	10 30	No	No	Yes	Yes	No	3			
L Parke	08/20/2008	10 55	No	No	Yes	Yes	No	3			
MIKE G	09/17/2008	10 25	No	No	Yes	Yes	No	3			
LPARKE	10/30/2008	11 45	No	No	Yes	Yes	No	3	Well Water P	Below Ground	
LPARKE	12/31/2008	11 00	No	No	Yes	Yes	No	3	Well Water P	Below Ground	
LPARKE	01/17/2009	11 00	No	No	Yes	Yes	No	3	Well Water P	Below Ground	
LPARKE	02/21/2009	11 00	No	No	Yes	Yes	No	3	Well Water P	Below Ground	
M GARCIA	04/30/2009	02 00	No	No	Yes	Yes	No	4	Well Water P	Below Ground	
LP	06/03/2009	02 00	No	No	Yes	Yes	No	4	Well Water P	Below Ground	
LP	01/19/2010	02 00	No	No	Yes	Yes	No	3	Well Water P	Below Ground	
LP	02/27/2010	02 00	No	No	Yes	Yes	No	2	Well Water P	Below Ground	
MG	03/25/2010	02 00	No	No	Yes	Yes	No	2	Well Water P	Below G	MG
MG	05/20/2010	02:00	No	No	Yes	Yes	No	2	Well Water P	Below G	MG
LR	08/31/2010	02 00	No	No	Yes	Yes	No	5	Well Water P	Below G	LR-WELL INA 8-18-10
MG	10/13/2010	02 30	No	No	Yes	Yes	No	5	Well Water P	Below G	LR-WELL INA 8-18-10
MG	02/28/2011	02 30	No	No	Yes	Yes	No	5	Well Water P	Below G	LR-WELL INA 8-18-10
SE	09/06/2011	11 20	No	No	Yes	Yes	No	5	Well Water P	Below G	