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 8 PM 4 37

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.

9375

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: GOLDEN BEAR # 7
API Number: 30-045-33340 OCD Permit Number:
U/L or Qtr/Qtr P Section 02 Township 29N Range 13W County: San Juan
Center of Proposed Design: Latitude 36.75151 Longitude 108.16913 NAD: ☐ 1927 ☒ 1983
Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F or G of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A
☐ Lined ☐ Unlined Liner type: Thickness _____ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____ bbl Dimensions: L _____ x W _____ x D _____

RCVD DEC 30 '11
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.

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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: Jonathan P. Kelly 1/04/2012 Approval Date: 10/12/10

Title: Environmental Engineer 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:** 1/10/11

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, CHMM #15676 Title: EH&S Supervisor

Signature: Date: 12/28/11

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. Golden Bear #7 (30-045-33340)	Facility Type: Gas Well

Surface Owner Private	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
P	2	29N	13W	1240	FSL	870	FEL	San Juan

Latitude: 36 75151 **Longitude:** -108.16913

NATURE OF RELEASE

Type of Release None	Volume of Release. NA	Volume Recovered NA
Source of Release NA	Date and Hour of Occurrence NA	Date and Hour of Discovery NA
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 at the Golden Bear #7 was taken out of service due to the plugging and abandoning of this location The below grade tank cellar was sampled for closure per 'Pit Rule' standards A composite sample of the cellar was collected for TPH via USEPA Method 418 1 and 8015, benzene and BTEX via USEPA Method 8021, and for chlorides The sample returned results below the 'Pit Rule' spill confirmation limits of 100 ppm TPH, 0 2 ppm benzene, 50 ppm BTEX and 250 ppm chlorides, confirming that a release has not occurred at this location

Describe Area Affected and Cleanup Action Taken.*
No release has been confirmed regarding the below grade tank 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	OIL CONSERVATION DIVISION
Printed Name James McDaniel, CHMM #15676	Approved by District Supervisor
Title EH&S Supervisor	Approval Date / Expiration Date
E-mail Address James_McDaniel@xtoenergy com	Conditions of Approval / Attached ☐
Date 12/28/2011 Phone 505-333-3701	

CERTIFIED HAZARDOUS MATERIALS MANAGER
JAMES P. McDANIEL
15676
CHMM
EXPIRES MAY 15, 2016

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

Lease Name: Golden Bear #7
API No.: 30-045-33340
Description: Unit P, Section 2, Township 29N, Range 13W, 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 10, 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 January 10, 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 has been removed due to the plugging and abandoning of the Golden Bear #7 well site.

7. XTO will test the soils beneath the below-grade tank to determine whether a release has occurred. At a minimum 5 point composite sample will be collected along with individual grab samples from any area that is wet, discolored or showing other evidence of a release. Samples will be analyzed for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. XTO will notify the division of its results on form C-141.

A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

Components	Test Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0 2	**< 0.0027 mg/kg**
BTEX	EPA SW-846 8021B or 8260B	50	**< 0.0406 mg/kg**
TPH	EPA SW-846 418.1	100	**< 20 mg/kg**
Chlorides	EPA 300 1	250 or background	**50 mg/kg**

8. If XTO or the division determines that a release has occurred, XTO will comply with 19.15.3.116 NMAC and 19.15.1.19NMAC as appropriate.
No release has been confirmed for this location.

9. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, XTO will backfill the excavation with compacted, non-waste containing, earthen material; construct a division prescribed soil cover; recontour and re-vegetate the site.
The pit cellar was backfilled using compacted, non-waste containing earthen material, with a division prescribed soil cover.

10. Notice of Closure operations will be given to the Aztec Division District III office between 72 hours and one week prior to the start of closure activities via email or verbally.
The notification will include the following:
    i. Operator's name
    ii. Well Name and API Number
    iii. Location by Unit Letter, Section, Township, and Range

Notification was provided to Mr. Brandon Powell with the Aztec office of the OCD via email on January 5, 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 January 6, 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.
This location has been re-contoured 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.
Due to the locations proximately to residential areas, and the lack of vegetation in the surrounding area, XTO is working with the surface owner to reclaim the area to their specifications. The landowner does not want growth on this property due to the property existing within city limits.

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); **above**
    viii. Photo documentation of the site reclamation. **attached**

15. This below grade tank closure report is being submitted past the 60 day required period due to the unusual nature of the site existing within city limits, making the re-vegetation portion of this closure different than most closures. The closure report was put on hold while the re-vegetation portion was figured out, and then the closure report slipped through the cracks. In the future, XTO will strive to better work within the deadlines outlined in the 'Pit Rule.'

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, January 17, 2011

James McDaniel
XTO Energy
382 County Road 3100
Aztec, NM 87410

TEL: (505) 787-0519
FAX (505) 333-3280

RE: Golden Bear #7

Order No.: 1101383

Dear James McDaniel:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 1/13/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Jan-11*

CLIENT:	XTO Energy	**Client Sample ID:**	BGT Clousure comp
Lab Order:	1101383	**Collection Date:**	1/6/2011 1:25:00 PM
Project:	Golden Bear #7	**Date Received:**	1/13/2011
Lab ID:	1101383-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 418.1: TPH						Analyst: **JB**
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	1/17/2011

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: XTO Energy
Project: Golden Bear #7 **Work Order:** 1101383

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 418.1: TPH											
Sample ID: MB-25237		*MBLK*				Batch ID:	**25237**	Analysis Date.			1/17/2011
Petroleum Hydrocarbons, TR	ND	mg/Kg	20								
Sample ID: LCS-25237		*LCS*				Batch ID:	**25237**	Analysis Date:			1/17/2011
Petroleum Hydrocarbons, TR	105.2	mg/Kg	20	100	0	105	86.8	116			
Sample ID: LCSD-25237		*LCSD*				Batch ID.	**25237**	Analysis Date:			1/17/2011
Petroleum Hydrocarbons, TR	106.6	mg/Kg	20	100	0	107	86.8	116	1.36	16 2	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name **XTO ENERGY** Date Received: **1/13/2011**

Work Order Number **1101383** Received by: **LNM**

Sample ID labels checked by: Initials

Checklist completed by: Michelle Garcia 1/13/11
Signature Date

Matrix: Carrier name: Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐		
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐	
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑		
Chain of custody present?	Yes ☑	No ☐			
Chain of custody signed when relinquished and received?	Yes ☑	No ☐			
Chain of custody agrees with sample labels?	Yes ☑	No ☐			
Samples in proper container/bottle?	Yes ☑	No ☐			
Sample containers intact?	Yes ☑	No ☐			
Sufficient sample volume for indicated test?	Yes ☑	No ☐			
All samples received within holding time?	Yes ☑	No ☐			
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐		
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑		
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑		
Container/Temp Blank temperature?	**2.6°**	*<6° C Acceptable* If given sufficient time to cool.			

Number of preserved bottles checked for pH: _____

<2 >12 unless noted below.

COMMENTS:

Client contacted _____ Date contacted _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments. _____

Corrective Action _____

Chain-of-Custody Record

Client: XTO Energy

Mailing Address: 382 Rd 3100
Aztec, NM 87410

Phone #: (505) 787-0519

email or Fax#: james_mcdaniel extoenergy.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other ____________

☐ EDD (Type) ____________

Turn-Around Time:
☒ Standard ☐ Rush ____________

Project Name: Golden Bear #7

Project #:

Project Manager: James McDaniel

Sampler: J. McDaniel

On Ice ☒ Yes ☐ No

Sample Temperature 4.6

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1101383	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
1/6/11	1325	soil	BGT Closure Comp	1-4oz	Cool	-1				X												

Date:	Time:	Relinquished by:	Received by:	Date	Time
1/12/11	0908	[signature]	Christa Walters	1/12/11	905
1/12/11	11:00	Christa Walters	[signature]	1/13/11	1030

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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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

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

Report Summary

Monday January 10, 2011

Report Number: L496541
Samples Received: 01/07/11
Client Project:

Description: Golden Bear 7

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
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences
Note The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP

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REPORT OF ANALYSIS

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

January 10,2011

ESC Sample # L496541-01

Site ID GOLDEN BEAR 7

Project #

Date Received January 07, 2011
Description Golden Bear 7

Sample ID BGT CLOSURE COMP

Collected By James McDaniel
Collection Date 01/06/11 13 25

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil
Chloride	50	11	mg/kg	9056	01/07/11	1
Total Solids	91 4		%	2540G	01/09/11	1
Benzene	BDL	0 0027	mg/kg	8021/8015	01/07/11	5
Toluene	BDL	0 027	mg/kg	8021/8015	01/07/11	5
Ethylbenzene	BDL	0 0027	mg/kg	8021/8015	01/07/11	5
Total Xylene	BDL	0 0082	mg/kg	8021/8015	01/07/11	5
TPH (GC/FID) Low Fraction	BDL	0 55	mg/kg	GRO	01/07/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	100		% Rec	8021/8015	01/07/11	5
a,a,a-Trifluorotoluene(PID)	104		% Rec	8021/8015	01/07/11	5
TPH (GC/FID) High Fraction	BDL	4.4	mg/kg	3546/DRO	01/07/11	1
Surrogate recovery(%)						
o-Terphenyl	65 3		% Rec	3546/DRO	01/07/11	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 01/10/11 15 00 Printed 01/10/11 15 01

Summary of Remarks For Samples Printed
01/10/11 at 15 01.01

TSR Signing Reports 288
R2 - Rush Next Day

No Energy fee Charge $10 Shipping Fee per Dave V 1/4/10 When transfering TS to a new dash # DO NOT charge a fee

Sample: L496541-01 Account XTORNM Received 01/07/11 08 15 Due Date 01/10/11 00 00 RPT Date 01/10/11 15 00

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XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L496541

January 10, 2011

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
TPH (GC/FID) High Fraction	< 4	ppm			WG516391	01/07/11 12 01
o-Terphenyl		% Rec	76 45	50-150	WG516391	01/07/11 12 01
Chloride	< 10	mg/kg			WG516332	01/07/11 10 09
Benzene	< 0005	mg/kg			WG516436	01/07/11 15 13
Ethylbenzene	< 0005	mg/kg			WG516436	01/07/11 15 13
Toluene	< 005	mg/kg			WG516436	01/07/11 15 13
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG516436	01/07/11 15 13
Total Xylene	< 0015	mg/kg			WG516436	01/07/11 15 13
a,a,a-Trifluorotoluene(FID)		% Rec	102 1	59-128	WG516436	01/07/11 15 13
a,a,a-Trifluorotoluene(PID)		% Rec	106 0	54-144	WG516436	01/07/11 15 13
Total Solids	< 1	%			WG516412	01/09/11 18 40

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	9900	10000	0 904	20	L496367-01	WG516332
Chloride	mg/kg	0	0	0	20	L496422-04	WG516332
Total Solids	%	90 0	90 5	0 108	5	L496588-02	WG516412

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
TPH (GC/FID) High Fraction	ppm	60	48 6	81 0	50-150	WG516391
o-Terphenyl				71 47	50-150	WG516391
Chloride	mg/kg	200	194	97 0	85-115	WG516332
Benzene	mg/kg	05	0 0513	103	76-113	WG516436
Ethylbenzene	mg/kg	05	0 0536	107	78-115	WG516436
Toluene	mg/kg	05	0 0520	104	76-114	WG516436
Total Xylene	mg/kg	15	0 160	107	81-118	WG516436
a,a,a-Trifluorotoluene(FID)				100 1	59-128	WG516436
a,a,a-Trifluorotoluene(PID)				104 4	54-144	WG516436
TPH (GC/FID) Low Fraction	mg/kg	5 5	5 88	107	67-135	WG516436
a,a,a-Trifluorotoluene(FID)				107 5	59-128	WG516436
a,a,a-Trifluorotoluene(PID)				103 2	54-144	WG516436
Total Solids	%	50	49 9	99 9	85-115	WG516412

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
TPH (GC/FID) High Fraction	ppm	50 4	48 6	84 0	50-150	3 57	25	WG516391
o-Terphenyl				72 61	50-150			WG516391
Chloride	mg/kg	190	194	95 0	85-115	2 08	20	WG516332

* 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

L496541

January 10, 2011

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0 0505	0 0513	101	76-113	1 58	20	WG516436
Ethylbenzene	mg/kg	0 0526	0 0536	105	78-115	1 98	20	WG516436
Toluene	mg/kg	0 0510	0 0520	102	76-114	1 99	20	WG516436
Total Xylene	mg/kg	0 158	0 160	105	81-118	1 68	20	WG516436
a,a,a-Trifluorotoluene(FID)				100 5	59-128			WG516436
a,a,a-Trifluorotoluene(PID)				104 2	54-144			WG516436
TPH (GC/FID) Low Fraction	mg/kg	5 74	5 88	104	67-135	2 43	20	WG516436
a,a,a-Trifluorotoluene(FID)				106 9	59-128			WG516436
a,a,a-Trifluorotoluene(PID)				102 8	54-144			WG516436

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
TPH (GC/FID) High Fraction	ppm	42 0	0	60	70 0	50-150	L496541-01	WG516391
o-Terphenyl					59 41	50-150		WG516391
Chloride	mg/kg	526	16 0	500	102	80-120	L496422-01	WG516332
Benzene	mg/kg	0 246	0	05	98 5	32-137	L496541-01	WG516436
Ethylbenzene	mg/kg	0 260	0	05	104	10-150	L496541-01	WG516436
Toluene	mg/kg	0 266	0	05	106	20-142	L496541-01	WG516436
Total Xylene	mg/kg	0 761	0	15	102	16-141	L496541-01	WG516436
a,a,a-Trifluorotoluene(FID)					100 0	59-128		WG516436
a,a,a-Trifluorotoluene(PID)					103 8	54-144		WG516436
TPH (GC/FID) Low Fraction	mg/kg	28 6	0	5 5	104	55-109	L496541-01	WG516436
a,a,a-Trifluorotoluene(FID)					103 9	59-128		WG516436
a,a,a-Trifluorotoluene(PID)					103 8	54-144		WG516436

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
TPH (GC/FID) High Fraction	ppm	47 1	42 0	78 4	50-150	11 4	25	L496541-01	WG516391
o-Terphenyl				68 84	50-150				WG516391
Chloride	mg/kg	519	526	101	80-120	1 34	20	L496422-01	WG516332
Benzene	mg/kg	0 245	0 246	98 1	32-137	0 420	39	L496541-01	WG516436
Ethylbenzene	mg/kg	0 256	0 260	102	10-150	1 44	44	L496541-01	WG516436
Toluene	mg/kg	0 248	0 266	99 2	20-142	7 07	42	L496541-01	WG516436
Total Xylene	mg/kg	0 750	0 761	100	16-141	1 47	46	L496541-01	WG516436
a,a,a-Trifluorotoluene(FID)				99 91	59-128				WG516436
a,a,a-Trifluorotoluene(PID)				104 4	54-144				WG516436
TPH (GC/FID) Low Fraction	mg/kg	27 9	28 6	101	55-109	2 51	20	L496541-01	WG516436
a,a,a-Trifluorotoluene(FID)				102 9	59-128				WG516436
a,a,a-Trifluorotoluene(PID)				103 3	54-144				WG516436

Batch number /Run number / Sample number cross reference

WG516391 R1529609 L496541-01
WG516332 R1530089 L496541-01
WG516436 R1530729 L496541-01
WG516412 R1532291 L496541-01

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

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Est 1970

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L496541

January 10, 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

E150

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

Analysis/Container/Preservative

Chain of Custody
Page___of___

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: Golden Bear #7

City/State Collected: Farmington, NM

PHONE 505-333-3701
FAX

Client Project No: —

Lab Project #: —

Collected by James McDaniel

Site/Facility ID#: Golden Bear #7

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

CoCode (lab use only)
XTORNM
Template/Prelogin

Shipped Via: Fed Ex

Sample ID	Comp/Grab	Matrix	Depth	Date	Time	No of Cntrs	BTEX (8021) 1-4oz Ccc	DRO/GRO (8015) 1-4oz Ccc	Chlorides 1-4oz Ccc	Remarks/contaminant	Sample # (lab only)
BGT Closure Comp	Comp	SS	—	1/6/11	1325	1	X	X	X		L496541-01

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

pH_____ Temp_____

Remarks

Flow_____ Other_____

Relinquisher by (Signature)	Date	Time	Received by (Signature)	Samples returned via FedEx_X_ UPS__Other__	Condition (lab use only)
	1/6/11	1525		4134198021580	OK COOL
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp 3.1°C / Bottles Received 1-4oz	
Relinquisher by (Signature)	Date	Time	Received for lab by (Signature)	Date 1/7/11 / Time 0815	pH Checked / NCF

James McDaniel /FAR/CTOC
01/05/2011 04:15 PM

To brandon.powell@state.nm.us
cc
bcc
Subject Golden Bear #7 BGT Closure

Brandon,

Please accept this email as the required notification for BGT closure activities at the Golden Bear #7 well site (api # 30-045-33340) located in Unit P, Section 2, Township 29N, Range 13W, San Juan County, New Mexico. This BGT is being closed due to the plugging and abandoning of the Golden Bear #7 well site. Thank you very much for your time in regards to this matter.

James McDaniel
EH&S Specialist
XTO Energy, Inc.
Office # 505-333-3701
Cell # 505-787-0519

XTO ENERGY

January 6, 2011

Walling Preston Wayne Trustee
Attn: Charles Walling
1049 Ranco Del Jefe
Tucson, Arizona, 85748

Re: Golden Bear #7
Unit P, Section 2, Township 29N, Range 13W, San Juan County, New Mexico
Parcel #R0031166

Dear Mr. Walling,

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) 333-3701. 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:

Walling Preston Wayne Trustee
Attn: Charles Walling
1049 Rancho Del Jefe
Tucson, AZ 85748

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☑ Addressee

B. Received by (Printed Name) C Walling

C. Date of Delivery 1-8-10

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 9413

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

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT Golden Bear #7
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Post	

Postmark Here — USPS FARMINGTON NM 87401 JAN 5 2010

7010 0780 0001 6436 9413

Sent To
Walling Preston Wayne Trustee
Street, Apt. or PO Box No.
Attn: Charles Walling
1049 Rancho Del Jefe
City, State, ZIP
Tucson, AZ 85748

PS Form 3800, August 2006 See Reverse for Instructions

XTO Energy, Inc.
Golden Bear #7
Section 2, Township 29N, Range 13W
Closure Date: 1/10/2011

Photo 1: Golden Bear #7 after Reclamation (View 1)

Photo 2: Golden Bear #7 after Reclamation (View 2)

Well Below Tank Inspection Report

Dates -

06/01/2008 - 06/01/2011

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
Below Grade Pit Forms (Temp	Golden Bear 7	Thompson, Ronnie	Unassigned	GOLDEN BEAR 07 (PA)	3004533340	2	13W	29N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
LIBBEY REED	12/30/2008	12 04	No	No	No	No	No	6	Compressor Water Pit	Below Ground	PIT OK
LIBBEY REED	02/08/2009	10 23	No	No	No	No	No	6	Compressor Water Pit	Below Ground	PIT OK
Eric Urioste	04/14/2009	10 23	No	No	No	No	No	6	Compressor Water Pit	Below Ground	PIT OK