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

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8217

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action: Existing BGT
- ☒ 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.

1.
Operator: XTO Energy, Inc OGRID # 5380
Address. #382 County Road 3100, Aztec, NM 87410
Facility or well name. Frost Jack B#1E
API Number 3004524356 OCD Permit Number.
U/L or Qtr/Qtr M Section 27 Township 27N Range 10W County San Juan
Center of Proposed Design. Latitude 36 54062 Longitude 107 8885 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 _____

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MAR 2011

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.

35

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

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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

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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 11/12/2008

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 W. Kelley Approval Date: 11/03/2011 2/22/11

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:** 3/14/11

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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

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

☑ Proof of Closure Notice (surface owner and division)

☐ Proof of Deed Notice (required for on-site closure)

☐ Plot Plan (for on-site closures and temporary pits)

☑ Confirmation Sampling Analytical Results (if applicable)

☐ Waste Material Sampling Analytical Results (required for on-site closure)

☑ Disposal Facility Name and Permit Number

☑ Soil Backfilling and Cover Installation

☐ Re-vegetation Application Rates and Seeding Technique

☐ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude Longitude NAD: ☐ 1927 ☐ 1983

25.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan

Name (Print): James McDaniel Title: EH&S Specialist

Signature: James McDaniel Date: 3/29/11

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: Jack Frost B #1E (30-045-24356)	Facility Type: Gas Well (Dakota)

Surface Owner: Federal	Mineral Owner	Lease No.:

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	27	27N	10W	615	FSL	810	FWL	San Juan

Latitude: 36.5406 **Longitude:** -107.8885

NATURE OF RELEASE

Type of Release: Produced Water/ Incidental Oil	Volume of Release: Unknown	Volume Recovered None
Source of Release Below Grade Tank/Historical	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 1/28/2011
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 *
On January 27, 2011, the BGT overflowed at the Jack Frost B #1E, releasing an unknown amount of water with some incidental oil into the pit cellar Estimated volume is between 2-3 bbls The tank was removed, and the cellar was to be cleaned up Upon cleanup of the small spill, historical impacted soil was found beneath the below grade tank At this time, it was decided to close the BGT and install an above ground tank to perform the same function. The site was ranked a 10 due to an estimated depth to groundwater of over 50 feet This set the closure standard to 1,000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX

Describe Area Affected and Cleanup Action Taken *
On January 28, 2011, approximately 20 yards of impacted soil was removed to extents of 10' x 15' x 10' deep, where a dense sandstone layer was encountered. Composite samples were collected from each of the four (4) walls of the excavation, and an additional composite sample was collected from the sandstone bottom at 10' All samples were analyzed for TPH via USEPA Method 8015 and for BTEX via USEPA Method 8021 All four (4) wall samples returned results below the regulatory standard determined for this site The sample collected from the sandstone bottom returned results below the 10 ppm benzene standard, but above the 50 ppm total BTEX and the 1,000 ppm TPH standard at 98 5 ppm and 3,200 ppm respectively Due to the dense sandstone layer encountered at this depth, maximum reasonable extent of excavation was reached No further excavation will be performed Analytical results are attached for your reference

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

Signature:	OIL CONSERVATION DIVISION
Printed Name James McDaniel	Approved by District Supervisor:
Title EH&S Specialist	Approval Date: / Expiration Date:
E-mail Address James_McDaniel@xtoenergy com	Conditions of Approval: / Attached ☐
Date: 3/29/2011 Phone 505-333-3701	

* Attach Additional Sheets If Necessary

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

Lease Name: Jack Frost B #1E
API No.: 30-045-24356
Description: Unit M, Section 27, Township 27N, Range 10W, San Juan County

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of below-grade tanks on XTO Energy Inc (XTO) locations. This is XTO's standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

General Plan

1. XTO will close below-grade tanks within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the division requires because of imminent danger to fresh water, public health or the environment.
   Closure Date is March 14, 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 March 14, 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 will reuse the below grade tank for continued oil and gas operations. The tank has been inspected, and will be used above grade.

6. XTO will remove any on-site equipment associated with a below-grade tank unless the equipment is required for some other purpose.
All on-site equipment will be used for the continued production of oil and gas from this location.

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	**2.2 mg/kg**
BTEX	EPA SW-846 8021B or 8260B	50	**98.5 mg/kg**
TPH	EPA SW-846 418.1	100	**NS**
Chlorides	EPA 300.1	250 or background	**NS**

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 visual observations of a release at this location, a spill is confirmed to have occurred at this location. The spill was cleaned up pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spill and Releases. The attached C-141 report outlines the spill cleanup activities.

9. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15 17.13 NMAC, XTO will backfill the excavation with compacted, non-waste containing, earthen material; construct a division prescribed soil cover; recontour and re-vegetate the site.
The pit cellar was backfilled using compacted, non-waste containing earthen material, with a division prescribed soil cover.

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

Notification was provided to Mr. Brandon Powell with the Aztec office of the OCD via email on March 9, 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 March 10, 2011; see attached letter and return receipt.

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

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

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

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

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

Report Summary

Tuesday February 01, 2011

Report Number: L499506
Samples Received: 01/29/11
Client Project:

Description: Jack Frost B 1E

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

February 01,2011

ESC Sample # L499506-01

Date Received January 29, 2011
Description Jack Frost B 1E

Site ID JACK FROST B1E

Sample ID WEST WALL

Project #

Collected By James McDaniel
Collection Date 01/28/11 13 00

Parameter	Dry Result	Det Limit	Units	Method	Date	Dil
Total Solids	90		%	2540G	02/01/11	1
Benzene	BDL	0 0028	mg/kg	8021/8015	01/30/11	5
Toluene	BDL	0 028	mg/kg	8021/8015	01/30/11	5
Ethylbenzene	BDL	0 0028	mg/kg	8021/8015	01/30/11	5
Total Xylene	0 010	0 0083	mg/kg	8021/8015	01/30/11	5
TPH (GC/FID) Low Fraction	0 63	0 56	mg/kg	GRO	01/30/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	97 3		% Rec	8021/8015	01/30/11	5
a,a,a-Trifluorotoluene(PID)	100		% Rec	8021/8015	01/30/11	5
TPH (GC/FID) High Fraction	110	4 4	mg/kg	3546/DRO	01/30/11	1
Surrogate recovery(%)						
o-Terphenyl	50 2		% Rec	3546/DRO	01/30/11	1

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

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

February 01,2011

ESC Sample # L499506-02

Date Received January 29, 2011
Description Jack Frost B 1E

Site ID JACK FROST B1E

Sample ID EAST WALL

Project #

Collected By James McDaniel
Collection Date 01/28/11 13 22

Parameter	Dry Result	Det Limit	Units	Method	Date	Dil
Total Solids	92		%	2540G	02/01/11	1
Benzene	BDL	0 0027	mg/kg	8021/8015	01/30/11	5
Toluene	BDL	0 027	mg/kg	8021/8015	01/30/11	5
Ethylbenzene	BDL	0 0027	mg/kg	8021/8015	01/30/11	5
Total Xylene	BDL	0 0082	mg/kg	8021/8015	01/30/11	5
TPH (GC/FID) Low Fraction	BDL	0 54	mg/kg	GRO	01/30/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	97 7		% Rec	8021/8015	01/30/11	5
a,a,a-Trifluorotoluene(PID)	98 3		% Rec	8021/8015	01/30/11	5
TPH (GC/FID) High Fraction	17	4 4	mg/kg	3546/DRO	01/30/11	1
Surrogate recovery(%)						
o-Terphenyl	65 4		% Rec	3546/DRO	01/30/11	1

Results listed are dry weight basis
BDL - Below Detection Limit
Det Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

James McDaniel
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Aztec, NM 87410

February 01,2011

ESC Sample # L499506-03

Date Received January 29, 2011
Description Jack Frost B 1E

Site ID JACK FROST B1E

Sample ID NORTH WALL

Project #

Collected By James McDaniel
Collection Date 01/28/11 12 20

Parameter	Dry Result	Det Limit	Units	Method	Date	Dil
Total Solids	90		%	2540G	02/01/11	1
Benzene	0 028	0 028	mg/kg	8021/8015	01/31/11	50
Toluene	BDL	0 28	mg/kg	8021/8015	01/31/11	50
Ethylbenzene	0 18	0 028	mg/kg	8021/8015	01/31/11	50
Total Xylene	1 7	0 084	mg/kg	8021/8015	01/31/11	50
TPH (GC/FID) Low Fraction	39	5 6	mg/kg	GRO	01/31/11	50
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96 6		% Rec	8021/8015	01/31/11	50
a,a,a-Trifluorotoluene(PID)	100		% Rec	8021/8015	01/31/11	50
TPH (GC/FID) High Fraction	160	4 5	mg/kg	3546/DRO	01/30/11	1
Surrogate recovery(%)						
o-Terphenyl	60 7		% Rec	3546/DRO	01/30/11	1

Results listed are dry weight basis
BDL - Below Detection Limit
Det Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

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

February 01,2011

ESC Sample # L499506-04

Date Received January 29, 2011
Description Jack Frost B 1E

Site ID JACK FROST B1E

Sample ID SOUTH WALL

Project #

Collected By James McDaniel
Collection Date 01/28/11 12 21

Parameter	Dry Result	Det Limit	Units	Method	Date	Dil
Total Solids	92		%	2540G	02/01/11	1
Benzene	BDL	0 0027	mg/kg	8021/8015	01/30/11	5
Toluene	BDL	0 027	mg/kg	8021/8015	01/30/11	5
Ethylbenzene	BDL	0 0027	mg/kg	8021/8015	01/30/11	5
Total Xylene	BDL	0 0082	mg/kg	8021/8015	01/30/11	5
TPH (GC/FID) Low Fraction	BDL	0 55	mg/kg	GRO	01/30/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	97 3		% Rec	8021/8015	01/30/11	5
a,a,a-Trifluorotoluene(PID)	99 3		% Rec	8021/8015	01/30/11	5
TPH (GC/FID) High Fraction	24	4 4	mg/kg	3546/DRO	01/30/11	1
Surrogate recovery(%)						
o-Terphenyl	56 1		% Rec	3546/DRO	01/30/11	1

Results listed are dry weight basis
BDL - Below Detection Limit
Det Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

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

February 01,2011

ESC Sample # L499506-05

Date Received January 29, 2011
Description Jack Frost B 1E

Site ID JACK FROST B1E

Sample ID 10FT BOTTOM

Project #

Collected By James McDaniel
Collection Date 01/28/11 13 05

Parameter	Dry Result	Det Limit	Units	Method	Date	Dil
Total Solids	88		%	2540G	02/01/11	1
Benzene	2 2	1 1	mg/kg	8021/8015	01/30/11	2000
Toluene	BDL	11	mg/kg	8021/8015	01/30/11	2000
Ethylbenzene	8 3	1 1	mg/kg	8021/8015	01/30/11	2000
Total Xylene	88	3 4	mg/kg	8021/8015	01/30/11	2000
TPH (GC/FID) Low Fraction	1600	230	mg/kg	GRO	01/30/11	2000
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	95 8		% Rec	8021/8015	01/30/11	2000
a,a,a-Trifluorotoluene(PID)	99 5		% Rec	8021/8015	01/30/11	2000
TPH (GC/FID) High Fraction	1600	23	mg/kg	3546/DRO	01/31/11	5
Surrogate recovery(%)						
o-Terphenyl	52 6		% Rec	3546/DRO	01/31/11	5

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 02/01/11 12 32 Printed 02/01/11 13 13

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XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L499506

February 01, 2011

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< 0005	mg/kg			WG519445	01/29/11 23 51
Ethylbenzene	< 0005	mg/kg			WG519445	01/29/11 23 51
Toluene	< 005	mg/kg			WG519445	01/29/11 23 51
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG519445	01/29/11 23 51
Total Xylene	< 0015	mg/kg			WG519445	01/29/11 23 51
a,a,a-Trifluorotoluene(FID)		% Rec	97 59	59-128	WG519445	01/29/11 23 51
a,a,a-Trifluorotoluene(PID)		% Rec	99 32	54-144	WG519445	01/29/11 23 51
TPH (GC/FID) High Fraction	< 4	ppm			WG519396	01/30/11 07 42
o-Terphenyl		% Rec	88 50	50-150	WG519396	01/30/11 07 42
Benzene	< 0005	mg/kg			WG519528	01/31/11 14 25
Ethylbenzene	< 0005	mg/kg			WG519528	01/31/11 14 25
Toluene	< 005	mg/kg			WG519528	01/31/11 14 25
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG519528	01/31/11 14 25
Total Xylene	< 0015	mg/kg			WG519528	01/31/11 14 25
a,a,a-Trifluorotoluene(FID)		% Rec	97 85	59-128	WG519528	01/31/11 14 25
a,a,a-Trifluorotoluene(PID)		% Rec	100 1	54-144	WG519528	01/31/11 14 25
Total Solids	< 1	%			WG519552	02/01/11 10 16

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	88 0	87 6	0 820	5	L499506-05	WG519552

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	05	0 0498	99 5	76-113	WG519445
Ethylbenzene	mg/kg	05	0 0495	99 0	78-115	WG519445
Toluene	mg/kg	05	0 0493	98 5	76-114	WG519445
Total Xylene	mg/kg	15	0 150	100	81-118	WG519445
a,a,a-Trifluorotoluene(PID)				98 82	54-144	WG519445
TPH (GC/FID) Low Fraction	mg/kg	5 5	5 26	95 6	67-135	WG519445
a,a,a-Trifluorotoluene(FID)				107 8	59-128	WG519445
TPH (GC/FID) High Fraction	ppm	60	50 9	84 8	50-150	WG519396
o-Terphenyl				82 59	50-150	WG519396
Benzene	mg/kg	05	0 0496	99 2	76-113	WG519528
Ethylbenzene	mg/kg	05	0 0488	97 7	78-115	WG519528
Toluene	mg/kg	05	0 0476	95 3	76-114	WG519528
Total Xylene	mg/kg	15	0 148	98 9	81-118	WG519528
a,a,a-Trifluorotoluene(PID)				99 38	54-144	WG519528
TPH (GC/FID) Low Fraction	mg/kg	5 5	5 81	106	67-135	WG519528
a,a,a-Trifluorotoluene(FID)				105 0	59-128	WG519528
Total Solids	%	50	49 9	99 8	85-155	WG519552

* 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 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L499506

February 01, 2011

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0 0486	0 0498	97 0	76-113	2 40	20	WG519445
Ethylbenzene	mg/kg	0 0486	0 0495	97 0	78-115	1 84	20	WG519445
Toluene	mg/kg	0 0471	0 0493	94 0	76-114	4 44	20	WG519445
Total Xylene	mg/kg	0 146	0 150	98 0	81-118	2 78	20	WG519445
a,a,a-Trifluorotoluene(PID)				99 36	54-144			WG519445
TPH (GC/FID) Low Fraction	mg/kg	5 38	5 26	98 0	67-135	2 26	20	WG519445
a,a,a-Trifluorotoluene(FID)				107 5	59-128			WG519445
TPH (GC/FID) High Fraction	ppm	51 2	50 9	85 0	50-150	0 615	25	WG519396
o-Terphenyl				80 44	50-150			WG519396
Benzene	mg/kg	0 0513	0 0496	103	76-113	3 48	20	WG519528
Ethylbenzene	mg/kg	0 0510	0 0488	102	78-115	4 30	20	WG519528
Toluene	mg/kg	0 0504	0 0476	101	76-114	5 58	20	WG519528
Total Xylene	mg/kg	0 152	0 148	101	81-118	2 52	20	WG519528
a,a,a-Trifluorotoluene(PID)				100 0	54-144			WG519528
TPH (GC/FID) Low Fraction	mg/kg	5 83	5 81	106	67-135	0 340	20	WG519528
a,a,a-Trifluorotoluene(FID)				105 1	59-128			WG519528

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/kg	0 241	0	05	96 2	32-137	L499536-01	WG519445
Ethylbenzene	mg/kg	0 226	0	05	90 3	10-150	L499536-01	WG519445
Toluene	mg/kg	0 225	0	05	89 8	20-142	L499536-01	WG519445
Total Xylene	mg/kg	0 678	0	15	90 4	16-141	L499536-01	WG519445
a,a,a-Trifluorotoluene(PID)					97 64	54-144		WG519445
TPH (GC/FID) Low Fraction	mg/kg	23 9	0	5 5	87 1	55-109	L499536-01	WG519445
a,a,a-Trifluorotoluene(FID)					102 5	59-128		WG519445
TPH (GC/FID) High Fraction	ppm	68 8	9 48	60	98 9	50-150	L499336-01	WG519396
o-Terphenyl					70 90	50-150		WG519396
Benzene	mg/kg	0 224	0	05	89 7	32-137	L499552-04	WG519528
Ethylbenzene	mg/kg	0 218	0	05	87 1	10-150	L499552-04	WG519528
Toluene	mg/kg	0 213	0	05	85 1	20-142	L499552-04	WG519528
Total Xylene	mg/kg	0 649	0	15	86 6	16-141	L499552-04	WG519528
a,a,a-Trifluorotoluene(PID)					99 51	54-144		WG519528
TPH (GC/FID) Low Fraction	mg/kg	22 3	0	5 5	81 2	55-109	L499552-04	WG519528
a,a,a-Trifluorotoluene(FID)					102 2	59-128		WG519528

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	0 230	0 241	91 8	32-137	4 67	39	L499536-01	WG519445
Ethylbenzene	mg/kg	0 219	0 226	87 6	10-150	2 99	44	L499536-01	WG519445
Toluene	mg/kg	0 220	0 225	87 9	20-142	2 13	42	L499536-01	WG519445
Total Xylene	mg/kg	0 649	0 678	86 5	16-141	4 48	46	L499536-01	WG519445
a,a,a-Trifluorotoluene(PID)				99 33	54-144				WG519445
TPH (GC/FID) Low Fraction	mg/kg	24 4	23 9	88 8	55-109	1 93	20	L499536-01	WG519445
a,a,a-Trifluorotoluene(FID)				102 6	59-128				WG519445
TPH (GC/FID) High Fraction	ppm	60 4	68 8	84 8	50-150	13 1	25	L499336-01	WG519396
o-Terphenyl				73 41	50-150				WG519396

* Performance of this Analyte is outside of established criteria
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers '

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James McDaniel
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Aztec, NM 87410

Quality Assurance Report
Level II

L499506

February 01, 2011

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	0 217	0 224	86 9	32-137	3 17	39	L499552-04	WG519528
Ethylbenzene	mg/kg	0 209	0 218	83 7	10-150	3 95	44	L499552-04	WG519528
Toluene	mg/kg	0 203	0 213	81 3	20-142	4 51	42	L499552-04	WG519528
Total Xylene	mg/kg	0 628	0 649	83 8	16-141	3 31	46	L499552-04	WG519528
a,a,a-Trifluorotoluene(PID)				99 57	54-144				WG519528
TPH (GC/FID) Low Fraction	mg/kg	22 9	22 3	83 1	55-109	2 35	20	L499552-04	WG519528
a,a,a-Trifluorotoluene(FID)				101 5	59-128				WG519528

Batch number /Run number / Sample number cross reference

WG519445	R1555609	L499506-01 02 04 05
WG519396	R1555989	L499506-01 02 03 04 05
WG519528	R1557029	L499506-03
WG519552	R1558209	L499506-01 02 03 04 05

* * 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 McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L499506

February 01, 2011

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report

Method Blank - an aliquot of reagent water carried through the entire analytic process The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control" If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes The percent recovery of the target analytes also has statistical control limits If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6" The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier

Company Name/Address

XTO Energy, Inc.
382 County Road 3100
Aztec, NM 87410

Alternate Billing

XTORNM031810S

Report to James McDaniel

E-mail to James_McDaniel@xtoenergy.com

Project Description Jack Frost B #1E

City/State Collected Kutz

PHONE 505-333-3701

FAX

Client Project No

Lab Project #

Collected by James McDaniel

Site/Facility ID# Jack Frost B#1E

P O #

Collected by(signature)

Packed on Ice N___ Y X

Rush? (Lab MUST be Notified)
___X___ Next Day 100%
_____ Two Day 50%
_____ Three Day 25%

Date Results Needed

Email?___No_X__Yes
FAX?___No___Yes

No of Cntrs

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix	Depth	Date	Time	No of Cntrs	BTEX (8021) 1-4oz Ccc	DRO/GRO 1-4oz Ccc						Remarks/contaminant	Sample # (lab only)
West Wall	Comp	SS	—	1/28/11	1300	1	X	X							L499506-01
East Wall	Comp	SS	—		1222	1	X	X							02
North Wall	Comp	SS	—		1220	1	X	X							03
South Wall	Comp	SS	—		1221	1	X	X							04
10' Bottom	Comp	SS	—	↓	1305	1	X	X							05

Chain of Custody
Page___of___

Prepared by F028

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

CoCode (lab use only)
XTORNM
Template/Prelogin

Shipped Via Fed Ex

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

pH_____ Temp_____

Remarks 87 9 6030 1547 Flow_____ Other_____

Relinquisher by (Signature)	Date	Time	Received by (Signature)	Samples returned via FedEx_X_ UPS__Other__	Condition (lab use only)
	1/28/11	1515			COC SI 01
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp 3.7°C	Bottles Received 5
Relinquisher by (Signature)	Date	Time	Received for lab by (Signature)	Date 1/29/11	Time 0900
				pH Checked	NCF

James McDaniel /FAR/CTOC
03/09/2011 03:21 PM

To brandon.powell@state.nm.us
cc
bcc
Subject BGT Closure Jack Frost B #1E

Brandon,
Please accept this notice as the required notice for BGT closure activities at the Jack Frost B #1E (api #30-045-24356) located in Unit M, section 27, Township 27N, Range 10W, San Juan County, New Mexico. This BGT is being closed and replaced with a low profile above ground tank. Thank you for your time in regards to this matter.

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

March 9, 2011

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

Re: Jack Frost B #1E – API #30-045-24356
Unit M, Section 27, Township 27N, Range 10W, San Juan County, New Mexico

Dear Mr. Kelly,

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

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

Respectfully Submitted,

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

U.S. Postal Service™ JF B #E
CERTIFIED MAIL™ RECEIPT
(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

FARMINGTON, NM 87401 MAR 10 2011 USPS Postmark Here

7010 0780 0001 6436 9581

Sent To BLM-FFO
MARK KELLY
Street, Apt or PO Box 1235 LA PLATA HWY
City, State, FARMINGTON, NM 87401

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

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 9581

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

Well Below Tank Inspection Report

Division	Farmington
Dates	12/30/2010 - 03/28/2011
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	01/28/2011	03 50	No	No	No	Yes	No	5	Compressor WBelow Gr		
DY	02/21/2011	08 30	No	No	No	Yes	No	5	Compressor WBelow Gr		

Well Below Tank Inspection Report

Division	Farmington
Dates	09/30/2010 - 12/30/2010
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	10/12/2010	08 00	No	No	No	Yes	No	3	Compressor WBelow Gr		
KEN MILLS	11/22/2010	09 30	No	No	No	Yes	No	2	Compressor WBelow Gr		
KEN MILLS	12/28/2010	08 30	No	No	No	Yes	No	3	Compressor WBelow Gr		

Well Below Tank Inspection Report

Division	Farmington
Dates	06/30/2010 - 09/30/2010
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	07/06/2010	08 30	No	No	No	Yes	No	1	Compressor W	Below Gr	
KEN MILLS	08/16/2010	07 00	No	No	No	Yes	No	2	Compressor W	Below Gr	
KEN MILLS	09/06/2010	08 00	No	No	No	Yes	No	1	Compressor W	Below Gr	

Well Below Tank Inspection Report

Division	Farmington
Dates	03/30/2010 - 06/30/2010
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	04/02/2010	10 30	No	No	No	Yes	No	1	Compressor W	Below Gr	
KEN MILLS	05/05/2010	10 00	No	No	No	Yes	No	3	Compressor W	Below Gr	
KEN MILLS	06/07/2010	08 00	No	No	No	Yes	No	2	Compressor W	Below Gr	

Well Below Tank Inspection Report

Division	Farmington
Dates	12/30/2009 - 03/30/2010
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	01/05/2010	08 00	No	No	No	Yes	No	'2	Compressor W	Below Gr	
KEN MILLS	02/08/2010	11 36	No	No	No	Yes	No	1	Compressor W	Below Gr	
KEN MILLS	03/08/2010	09 00	No	No	No	Yes	No	2	Compressor W	Below Gr	

Well Below Tank Inspection Report

Division	Farmington
Dates	09/30/2009 - 12/30/2009
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	10/06/2009	08 00	No	No	No	Yes	No	2	Compressor WBelow Gr		
KEN MILLS	11/18/2009	08 00	No	No	No	Yes	No	3	Compressor WBelow Gr		
KEN MILLS	12/28/2009	08 20	No	No	No	Yes	No	3	Compressor WBelow Gr		

Well Below Tank Inspection Report

Division	Farmington
Dates	06/30/2009 - 09/30/2009
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	07/21/2009	08 00	No	No	No	Yes	No	3	Compressor WBelow Gr		
KEN MILLS	08/11/2009	08 15	No	No	No	Yes	No	3	Compressor WBelow Gr		
KEN MILLS	09/03/2009	10 00	No	No	No	Yes	No	3	Compressor WBelow Gr		

Well Below Tank Inspection Report

Division	Farmington
Dates	03/30/2009 - 06/30/2009
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	04/27/2009	10 00	No	No	No	Yes	No	3	Compressor WBelow Gr		
KEN MILLS	05/18/2009	09 00	No	No	No	Yes	No	3	Compressor WBelow Gr		
KEN MILLS	06/19/2009	08 45	No	No	No	Yes	No	3	Compressor WBelow Gr		

Well Below Tank Inspection Report

Division	Farmington
Dates	12/30/2008 - 03/30/2009
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
KEN MILLS	01/12/2009	02 00	No	Yes	No	Yes	No	3	Compressor WBelow Gr		
KEN MILLS	02/02/2009	10 00	No	No	No	Yes	No	3	Compressor WBelow Gr		
KEN MILLS	03/23/2009	09 45	No	No	No	Yes	No	3	Compressor WBelow Gr		

Well Below Tank Inspection Report

Division	Farmington
Dates	09/30/2008 - 12/30/2008
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
Ken Mills	10/21/2008	08 45	No	No	No	Yes	No	2			
Eric Schuster	11/21/2008	08 30	No	No	No	Yes	No	1	Compressor WBelow Gr		
Eric Schuster	12/13/2008	11 20	No	Yes	No	Yes	No	1	Compressor WBelow Gr		

Well Below Tank Inspection Report

Division	Farmington
Dates	06/30/2008 - 09/30/2008
Type	Route Stop
Type Value	F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
FAR NM Run 49	FROST JACK B 001E	Mills, Ken	Mulnix, John	JACK FROST B 01E	3004524356	27	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
Eric Schuster	07/22/2008	08 00	No	No	No	Yes	No	2			
Ken Mills	08/19/2008	10 00	No	No	No	Yes	No	4			
Ken Mills	09/13/2008	08 45	No	No	No	Yes	No	5			

XTO Energy, Inc.
Jack Frost B #1E
Section 27, Township 27N, Range 10W
Closure Date 3/14/2011

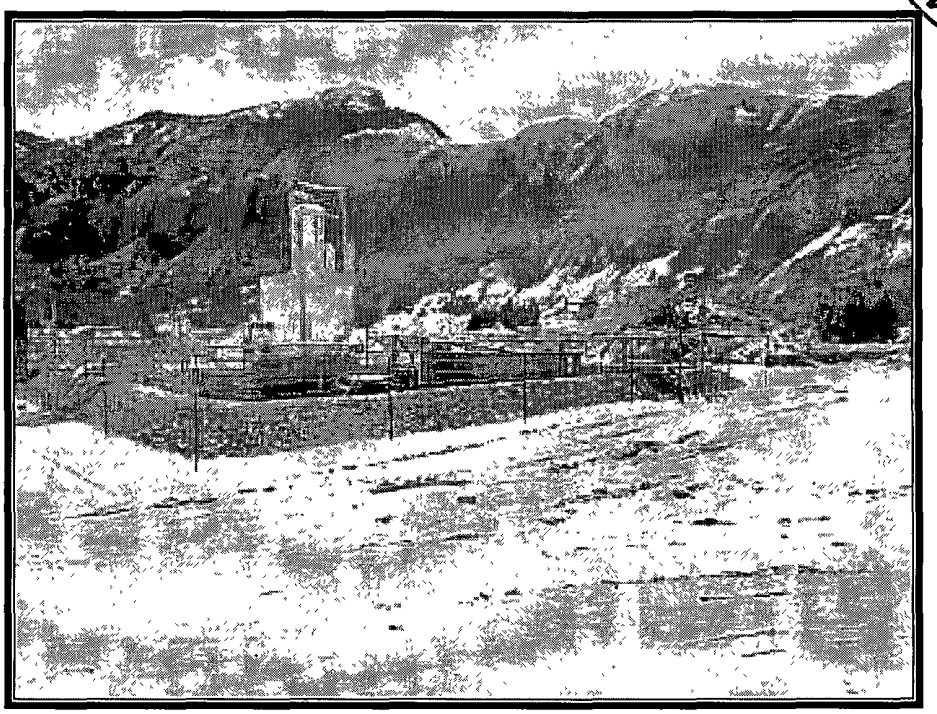

Photo 1: Jack Frost B #1E after Backfill and Tank Re-Set (view 1)

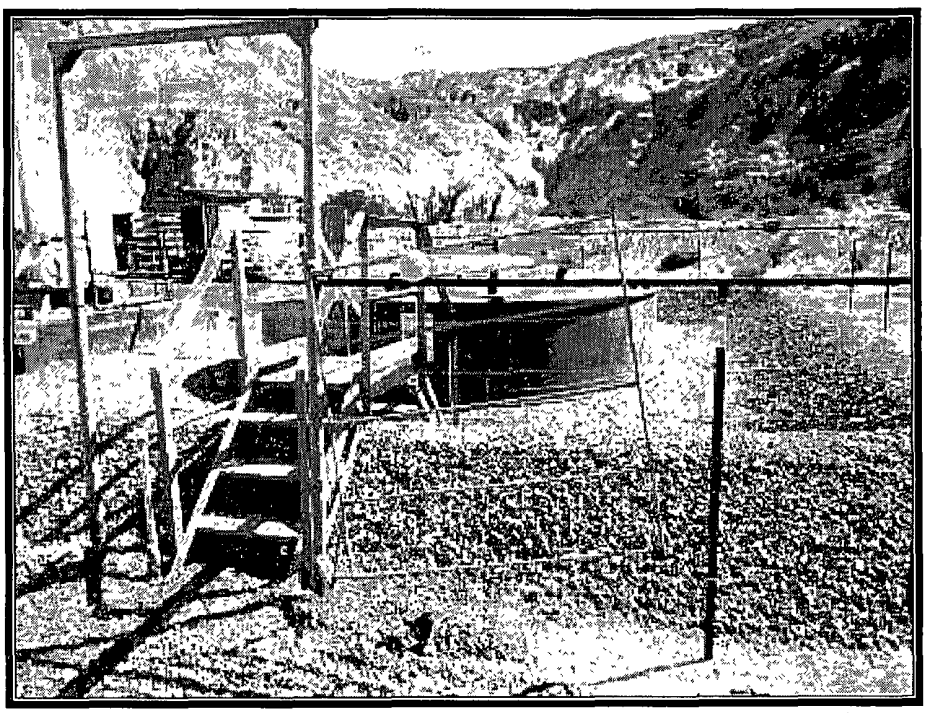

Photo 2: Jack Frost B #1E after Backfill and Tank Re-Set (view 2)