

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.

2009 DEC 9 PM 4 43

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: Pollock Gas Com D#1
API Number: 3004526173 OCD Permit Number: _____
U/L or Qtr/Qtr I Section 28 Township 29N Range 10W County: San Juan
Center of Proposed Design: Latitude 36.69397 Longitude 107.88529 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 FEB 21 '13
OIL CONS. DIV.
DIST. 3

3.
 Closed-loop System: Subsection H of 19.15.17.11 NMAC
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
 Drying Pad Above Ground Steel Tanks Haul-off Bins Other _____
 Lined Unlined Liner type: Thickness _____ mil LLDPE HDPE PVC Other _____
Liner Seams: Welded Factory Other _____

4.
 Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: 95 bbl Type of fluid: Produced Water
Tank Construction material: Steel
 Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
 Visible sidewalls and liner Visible sidewalls only Other Visible sidewalls, vaulted, automatic high-level shut off, no liner
Liner type: Thickness _____ mil HDPE PVC Other _____

5.
 Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

6.
Fencing: Subsection D of 19.15.17.11 NMAC (*Applies to permanent pits, temporary pits, and below-grade tanks*)
 Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)
 Four foot height, four strands of barbed wire evenly spaced between one and four feet
 Alternate. Please specify Four foot height, steel mesh field fence (hogwire) with pipe top railing

7.
Netting: Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)
 Screen Netting Other Expanded metal or solid vaulted top
 Monthly inspections (If netting or screening is not physically feasible)

8.
Signs: Subsection C of 19.15.17.11 NMAC
 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
 Signed in compliance with 19.15.3.103 NMAC

9.
Administrative Approvals and Exceptions:
 Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.
 Please check a box if one or more of the following is requested, if not leave blank:
 Administrative approval(s): Requests must be submitted to the appropriate 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	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (<i>Applies to temporary, emergency, or cavitation pits and below-grade tanks</i>) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (<i>Applies to permanent pits</i>) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

11. **Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
 Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
 Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
 Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12. **Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
 Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
 Previously Approved Design (attach copy of design) API Number: _____
 Previously Approved Operating and Maintenance Plan API Number: _____ (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

13. **Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
 Climatological Factors Assessment
 Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
 Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
 Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
 Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
 Quality Control/Quality Assurance Construction and Installation Plan
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
 Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
 Nuisance or Hazardous Odors, including H₂S, Prevention Plan
 Emergency Response Plan
 Oil Field Waste Stream Characterization
 Monitoring and Inspection Plan
 Erosion Control Plan
 Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

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

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

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

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

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

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

Instructions: Please 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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 photos; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> 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: 11/26/08
 e-mail address: kim_champlin@xtoenergy.com Telephone: (505) 333-3100

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

OCD Representative Signature: [Signature] Approval Date: 10/13/09
 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: 2-15-13

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 identify 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): KURT HOEKSTRA Title: SR. ENVIRONMENTAL TECHNICIAN
 Signature: Kurt Hoekstra Date: 2-15-13
 e-mail address: Kurt.Hoekstra@xtoenergy.com Telephone: 505-333-3100

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State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised October 10, 2003

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

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: Kurt Hoekstra
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3202
Facility Name: Pollock Gas Com D # 1 (30-045-26173)	Facility Type: Gas Well (Otero Chacra)
Surface Owner: Private	Mineral Owner:
	Lease No. Fee

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	28	29N	10W	1850	FSL	990	FEL	San Juan

Latitude: 36.69397 Longitude: -107.88529

NATURE OF RELEASE

Type of Release: N/A	Volume of Release: N/A	Volume Recovered: N/A
Source of Release: N/A	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: N/A
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*The below grade tank was removed at the Pollock Gas Com D # 1 well site due to plugging and abandon of the well. The BGT cellar beneath the BGT was sampled for TPH via USEPA Method 8015 and 418.1, for BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'pit rule' standards of 100 ppm TPH, 0.2 ppm benzene, 10 ppm total 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 for this location, and no further action is required.

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

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Kurt Hoekstra	Approved by District Supervisor:	
Title: Sr. Environmental Technician	Approval Date:	Expiration Date:
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 2-12-2013 Phone: 505-333-3202		

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

Lease Name: Pollock Gas Com D # 1

API No.: 30-045-26173

Description: Unit I, Section 28, Township 29N, 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 February 15, 2013
2. XTO will close a below-grade tank that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC.
Closure Date is February 15, 2013
3. XTO will close a permitted below-grade tank within 60 days of cessation of the below-grade tank's operation or as required by the transitional provisions of Subsection B of 19.15.17.17 NMAC in accordance with a closure plan that the appropriate division district office approves. The closure report will be filed on form C-144.
Required C-144 Form is attached to this document.
4. XTO will remove liquids and sludge from below-grade tanks prior to implementing a closure method and will dispose of the liquids and sludge in a division-approved facility. Approved facilities and waste streams include:
 - Envirotech Permit No. NM01-0011 and IEI Permit No. NM 01-0010B
 - Soil contaminated by exempt petroleum hydrocarbons
 - Produced sand, pit sludge and contaminated bottoms from storage of exempt wastes
 - Basin Disposal Permit No. NM01-005
 - Produced water**All liquids and sludge were removed from the tank prior to closure activities.**
5. XTO will remove the below-grade tank and dispose of it in a division approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.
XTO has removed the below grade tank, and will dispose of it at a division approved facility, or recycle, reclaim or reuse it in a manner that is approved by the division.

6. XTO will remove any on-site equipment associated with a below-grade tank unless the equipment is required for some other purpose.

All Equipment will be removed due to the plugging and abandoning of Pollock Gas Com D # 1 well.

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 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 (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2	< 0.0030 mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	< 0.045 mg/kg
TPH	EPA SW-846 418.1	100	86.3 mg/kg
Chlorides	EPA 300.1	250 or background	44 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 at this site.
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 September 14, 2012; 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 September 14, 2012; 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 be reclaimed pursuant to surface owner specifications 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 site will be reclaimed pursuant to surface owner 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); **Per landowner requirements**
 - viii. Photo documentation of the site reclamation. **attached**
15. This BGT closure was delayed past the seven day after notification requirement due to land owner issues.

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 (Domestic Mail Only; No Insurance Coverage Provided)

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OFFICIAL USE

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 SEP 14 2012
 FLORA VISTA NM
 USPS 87415 KH

Sent To
 Arthur and Kim Alsop
 Street, Apt. No., or PO Box No. W88 Road 4990
 City, State, ZIP+4 Bloomfield, nm 87413-9009

PS Form 3800, August 2006 See Reverse for Instructions

7011 1150 0000 5124 8488

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Kim Alsop</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Kim Alsop</i></p> <p>C. Date of Delivery <i>9-17-12</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p><i>Arthur and Kim Alsop</i> <i>W88 Road 4990</i> <i>Bloomfield, nm 87413-9009</i></p>	<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
<p>2. Article Number (Transfer from service label) 7011 1150 0000 5124 8488</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>

September 14, 2012

Arthur and Kim Alsup,
668 Road 4990
Bloomfield, New Mexico 874139609

Re: Pollock Gas Com D # 1 API # 30-045-26173
Unit I, Section 28, Township 29N, Range 10W, San Juan County, New Mexico

Mr. and Mrs. Alsup;

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 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,



Kurt Hoekstra
Sr. Environmental Technician
XTO Energy, Inc.
Western Division

Kurt Hoekstra/FAR/CTOC
09/14/2012 07:53 AM

To **Brandon Powell**
cc
bcc
Subject **BGT closure notification Pollock Gas Com D # 1**

Brandon,

Please accept this email as the required notification for BGT closure activities at the Pollock Gas Com D # 1 well site (API # 30-045-26173) located in Unit I, Section 28, Township 29N, Range 10W,

San Juan County, New Mexico. This below grade tank is being closed due to the plugging and abandoning of this well site.

Thank you for your time in regards to this matter.

Kurt Hoekstra
Sr. Environmental Technician
XTO Energy
505-333-3202 Office
505-486-9543 Cell
Kurt_Hoekstra@xtoenergy.com

CHAIN OF CUSTODY RECORD

14413.

Client: XTO			Project Name / Location: Pollock GC.D #1			ANALYSIS / PARAMETERS																
Email results to: JAMES MCDANIEL KURT HOEKSTRA			Sampler Name: KURT			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact			
Client Phone No.: 333-3100			Client No.: 98031-0528																			
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative																	
					HgCl ₂	HCl																
BGT CELLAR	9/10	1:00	U23162	1 4oz JAR																X	X	
Relinquished by: (Signature) <i>Kurt Hoekstra</i>				Date	Time	Received by: (Signature) <i>William Joe</i>				Date	Time											
				9/10	1:45					9/10/12	1:48											
Relinquished by: (Signature)						Received by: (Signature)																
Sample Matrix																						
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																						
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																						
																						
5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com																						



Report Summary

Client: XTO

Chain of Custody Number: 14413

Samples Received: 09-10-12

Job Number: 98031-0528

Sample Number(s): 63162

Project Name/Location: Pollock GC D #1

Entire Report Reviewed By:

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke, is written over a horizontal line.

Date:

9/13/12

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.



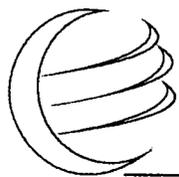
Client:	XTO	Project #:	98031-0528
Sample ID:	BGT Cellar	Date Reported:	09-11-12
Laboratory Number:	63162	Date Sampled:	09-10-12
Chain of Custody No:	14413	Date Received:	09-10-12
Sample Matrix:	Soil	Date Extracted:	09-11-12
Preservative:	Cool	Date Analyzed:	09-11-12
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	86.3	6.6

ND = Parameter not detected at the stated detection limit.

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

Comments: **Pollock GCD #1**



envirotech
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	09-11-12
Laboratory Number:	09-11-TPH.QA/QC 63137	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	09-11-12
Preservative:	N/A	Date Extracted:	09-11-12
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	07-11-12	09-11-12	1,660	1,720	3.6%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	6.6

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	1,020	770	24.5%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	1,020	2,000	2,520	83.4%	80 - 120%

ND = Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 63137-63139, 63153-63154, 63157 and 63161-63162

Company Name/Address: XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410			Billing Information: XTO Energy Inc Accounts Payable 382 CR 3100 Aztec, NM 87410			Analysis/Container/Preservative			C158 Chain of Custody Page ___ of ___										
Report to:			Email to: JAMES MCDANIEL KURT HOEKSTRA			8015 8021 CHLORIDE			 ESC L.A.B S.C.I.E.N.C.E.S 12065 Lebanon Road Mt. Juliet, TN 37122 Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859										
Project Description: Pollock Gas Comd #1			City/State Collected:																
Phone: (505) 333-3100		Client Project #:		ESC Key:		CoCode XTORNM (lab use only) Template/Prelogin Shipped Via:			Remarks/Contaminant Sample # (lab only)										
FAX:		Site/Facility ID#:		P.O.#:															
Collected by (print): Kurt		Site/Facility ID#:		P.O.#:		No. of Cntrs 8015 8021 CHLORIDE			L594191-01 L588										
Collected by (signature): Kurt Hoekstra		<input checked="" type="checkbox"/> Rush? (Lab MUST Be Notified) ___ Same Day..... 200% ___ Next Day..... 100% ___ Two Day..... 50% ___ Three Day..... 25%		Date Results Needed: Email? ___No___Yes FAX? ___No___Yes															
Immediately Packed on Ice N <input checked="" type="checkbox"/>		Sample ID		Comp/Grab		Matrix*		Depth		Date		Time		No. of Cntrs		Remarks/Contaminant		Sample # (lab only)	
		BGT CELLAR		Comp		SS		0-6"		9-10-12		1:00		1		L594191-01		L588	

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other _____ pH _____ Temp _____

Remarks: _____ Flow _____ Other _____

4963 119929510

Relinquished by: (Signature) Kurt Hoekstra	Date: 9-10-12	Time: 2:15	Received by: (Signature) _____	Samples returned via: <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>	Condition: (T) (lab use only)
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received by: (Signature) _____	Temp: 34	Bottles Received: 1-402
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received for lab by: (Signature) _____	Date: 9-11-12	Time: 0:30
				pH Checked: _____	NCF



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Tax I.D. 62-0814289

Est. 1970

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

Report Summary

Friday September 14, 2012

Report Number: L594191

Samples Received: 09/11/12

Client Project:

Description: Pollock Gas Com D#1

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979

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 County Road 3100
 Aztec, NM 87410

September 14, 2012

Date Received : September 11, 2012
 Description : Pollock Gas Com D#1
 Sample ID : BGT CELLAR 0-6IN
 Collected By : Kurt
 Collection Date : 09/10/12 13:00

ESC Sample # : L594191-01
 Site ID :
 Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	44.	12.	mg/kg	9056	09/12/12	1
Total Solids	83.0	0.100	%	2540G	09/13/12	1
Benzene	BDL	0.0030	mg/kg	8021/8015	09/11/12	5
Toluene	BDL	0.030	mg/kg	8021/8015	09/11/12	5
Ethylbenzene	BDL	0.0030	mg/kg	8021/8015	09/11/12	5
Total Xylene	BDL	0.0090	mg/kg	8021/8015	09/11/12	5
TPH (GC/FID) Low Fraction	BDL	0.60	mg/kg	GRO	09/11/12	5
Surrogate Recovery-%						
a, a, a-Trifluorotoluene (FID)	96.1		% Rec.	8021/8015	09/11/12	5
a, a, a-Trifluorotoluene (PID)	98.4		% Rec.	8021/8015	09/11/12	5
TPH (GC/FID) High Fraction	BDL	4.8	mg/kg	3546/DRO	09/13/12	1
Surrogate recovery(%)						
o-Terphenyl	81.0		% Rec.	3546/DRO	09/13/12	1

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

This report shall not be reproduced, except in full, without the written approval from ESC.
 The reported analytical results relate only to the sample submitted
 Reported: 09/14/12 10:16 Printed: 09/14/12 10:17

Summary of Remarks For Samples Printed
09/14/12 at 10:17:11

TSR Signing Reports: 288
R5 - Desired TAT

Sample: L594191-01 Account: XTORNM Received: 09/11/12 09:00 Due Date: 09/18/12 00:00 RPT Date: 09/14/12 10:16



L.A.B S.C.I.E.N.C.E.S

YOUR LAB OF CHOICE

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

Quality Assurance Report
Level II

L594191

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September 14, 2012

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzene	< .0005	mg/kg			WG611940	09/11/12 12:54
Ethylbenzene	< .0005	mg/kg			WG611940	09/11/12 12:54
Toluene	< .005	mg/kg			WG611940	09/11/12 12:54
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG611940	09/11/12 12:54
Total Xylene	< .0015	mg/kg			WG611940	09/11/12 12:54
a, a, a-Trifluorotoluene (FID)		% Rec.	96.79	59-128	WG611940	09/11/12 12:54
a, a, a-Trifluorotoluene (PID)		% Rec.	99.58	54-144	WG611940	09/11/12 12:54
Chloride	< 10	mg/kg			WG611481	09/11/12 20:56
Total Solids	< .1	%			WG612052	09/13/12 11:42
TPH (GC/FID) High Fraction	< 4	ppm			WG612316	09/13/12 10:30
o-Terphenyl		% Rec.	80.37	50-150	WG612316	09/13/12 10:30

Analyte	Units	Duplicate			Limit	Ref Samp	Batch
		Result	Duplicate	RPD			
Chloride	mg/kg	34.0	36.0	4.55	20	L594191-01	WG611481
Total Solids	%	71.0	75.8	6.08*	5	L594223-05	WG612052

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0437	87.3	76-113	WG611940
Ethylbenzene	mg/kg	.05	0.0492	98.4	78-115	WG611940
Toluene	mg/kg	.05	0.0454	90.8	76-114	WG611940
Total Xylene	mg/kg	.15	0.145	96.9	81-118	WG611940
a, a, a-Trifluorotoluene (PID)				96.82	54-144	WG611940
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.23	95.1	67-135	WG611940
a, a, a-Trifluorotoluene (FID)				93.52	59-128	WG611940
Chloride	mg/kg	200	203.	102.	80-120	WG611481
Total Solids	%	50	50.0	100.	85-115	WG612052
TPH (GC/FID) High Fraction	ppm	60	44.1	73.4	50-150	WG612316
o-Terphenyl				70.37	50-150	WG612316

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Benzene	mg/kg	0.0449	0.0437	90.0	76-113	2.70	20	WG611940
Ethylbenzene	mg/kg	0.0503	0.0492	101.	78-115	2.32	20	WG611940
Toluene	mg/kg	0.0463	0.0454	93.0	76-114	2.02	20	WG611940
Total Xylene	mg/kg	0.148	0.145	99.0	81-118	2.08	20	WG611940
a, a, a-Trifluorotoluene (PID)				97.61	54-144			WG611940
TPH (GC/FID) Low Fraction	mg/kg	5.48	5.23	100.	67-135	4.63	20	WG611940
a, a, a-Trifluorotoluene (FID)				94.24	59-128			WG611940

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



YOUR LAB OF CHOICE

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 James McDaniel
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September 14, 2012

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Chloride	mg/kg	216.	203.	108.	80-120	6.21	20	WG611481
TPH (GC/FID) High Fraction	ppm	52.4	44.1	87.0	50-150	17.2	23	WG612316
o-Terphenyl				88.13	50-150			WG612316

Analyte	Units	MS Res	Matrix Spike			Limit	Ref Samp	Batch
			Ref Res	TV	% Rec			
Benzene	mg/kg	0.226	0	.05	90.5	32-137	L594189-01	WG611940
Ethylbenzene	mg/kg	0.248	0	.05	99.4	10-150	L594189-01	WG611940
Toluene	mg/kg	0.234	0	.05	93.6	20-142	L594189-01	WG611940
Total Xylene	mg/kg	0.739	0	.15	98.5	16-141	L594189-01	WG611940
a, a, a-Trifluorotoluene (PID)					96.87	54-144		WG611940
TPH (GC/FID) Low Fraction	mg/kg	23.2	0	5.5	84.5	55-109	L594189-01	WG611940
a, a, a-Trifluorotoluene (FID)					96.25	59-128		WG611940
TPH (GC/FID) High Fraction	ppm	50.1	0	60	83.4	50-150	L593604-10	WG612316
o-Terphenyl					69.13	50-150		WG612316

Analyte	Units	MSD	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec						
Benzene	mg/kg	0.211	0.226	84.3	32-137	7.14	39	L594189-01	WG611940	
Ethylbenzene	mg/kg	0.228	0.248	91.4	10-150	8.37	44	L594189-01	WG611940	
Toluene	mg/kg	0.215	0.234	86.0	20-142	8.48	42	L594189-01	WG611940	
Total Xylene	mg/kg	0.676	0.739	90.1	16-141	8.94	46	L594189-01	WG611940	
a, a, a-Trifluorotoluene (PID)				96.95	54-144				WG611940	
TPH (GC/FID) Low Fraction	mg/kg	25.2	23.2	91.7	55-109	8.21	20	L594189-01	WG611940	
a, a, a-Trifluorotoluene (FID)				110.8	59-128				WG611940	
TPH (GC/FID) High Fraction	ppm	48.3	50.1	80.5	50-150	3.56	40	L593604-10	WG612316	
o-Terphenyl				70.94	50-150				WG612316	

Batch number /Run number / Sample number cross reference

WG611940: R2339533: L594191-01
 WG611481: R2342413: L594191-01
 WG612052: R2343414: L594191-01
 WG612316: R2344873: L594191-01

* * 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.'



XTO Energy - San Juan Division
James McDaniel
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Quality Assurance Report
Level II

L594191

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September 14, 2012

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.



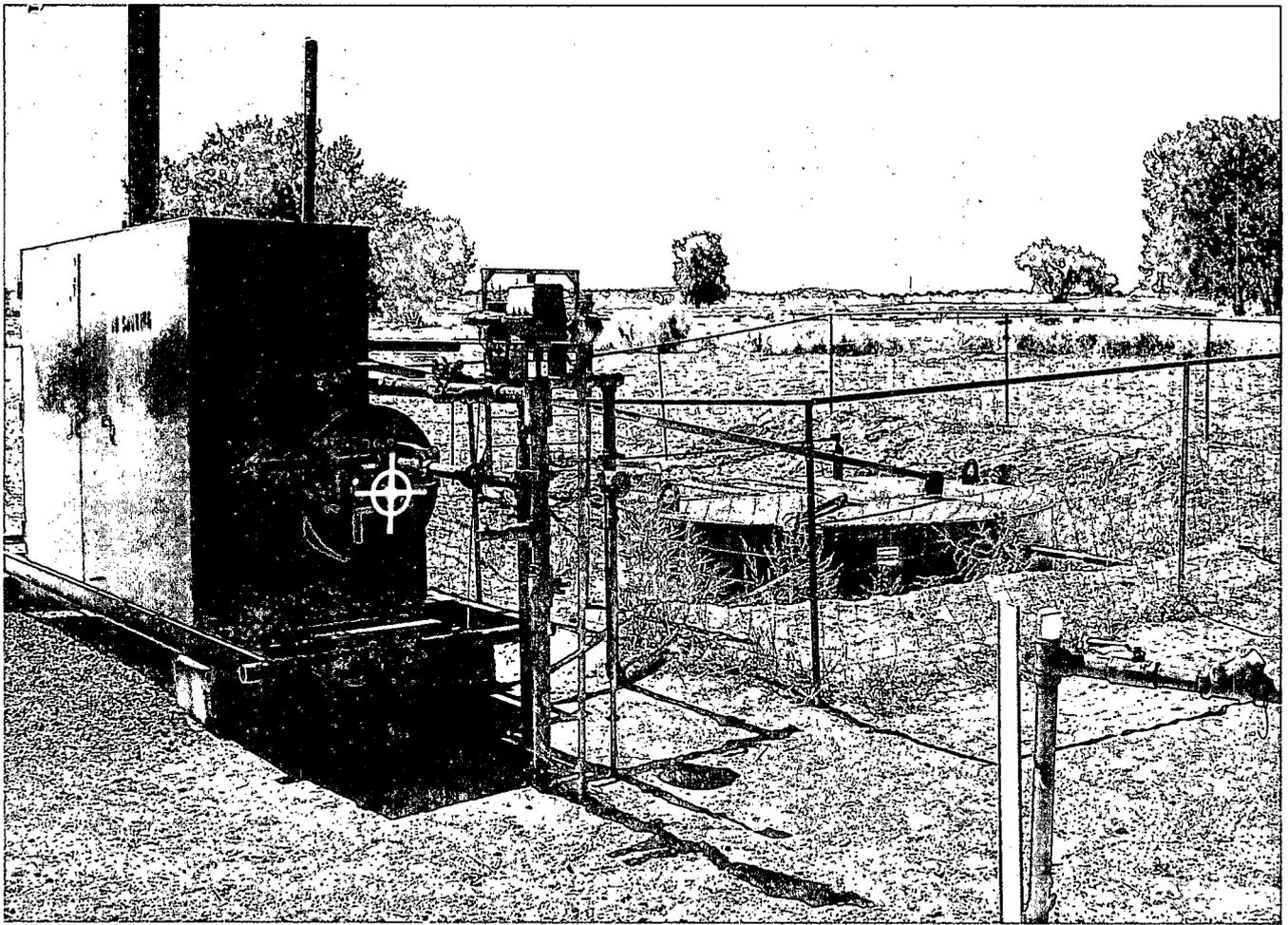
Well Below Tank Inspection Report

02/12/2013

Division Denver
 Dates -
 06/01/2008 - 02/01/2013
 Type Route Stop
 Type Value p

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township			
Below Grade Pit Forms (Temp.)	pollock gas com d 01	McDowell, Jesse	Unassigned	POLLOCK GC D 01(PA)	3004526173	28	10W	29N			
InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
PAT ROARK	09/18/2008	13:00	No	No	No	No	No	4			
JEREMY BRUINGTC	12/30/2008	12:51	No	No	No	No	No	4			
PAT ROARK	02/23/2009	12:00	No	No	No	No	No	4	Well Water Pi	Below Ground	
PAT ROARK	04/29/2010	13:00	No	No	No	No	No	4	Well Water Pi	Below Ground	
PAT ROARK	07/24/2010	15:00	No	No	No	No	No	4	Well Water Pi	Below Ground	
rf	09/21/2010	10:29	No	No	No	No	No	4	Well Water Pi	Below Ground	
Pat Roark	12/28/2010	09:00	No	No	No	No	No	4	Well Water Pi	Below Ground	
Pat Roark	01/28/2011	09:00	No	No	No	No	No	4	Well Water Pi	Below Ground	
Pat Roark	03/13/2011	14:45	No	No	No	No	No	4	Well Water Pi	Below Ground	
Pat Roark	07/15/2011	13:00	No	No	No	No	No	4	Well Water Pi	Below Ground	
RF	08/04/2011	10:44	No	No	No	No	No	5	Well Water Pi	Below G Empty Pit / RF	
RF	09/02/2011	11:01	No	No	No	No	No	5	Well Water Pi	Below G Empty Pit / RF	

RF	10/07/2011	01:27	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	11/14/2011	02:18	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	12/12/2011	02:03	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	01/12/2012	01:51	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	02/03/2012	09:55	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	03/09/2012	11:29	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	04/10/2012	01:00	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	05/11/2012	11:27	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	06/08/2012	11:38	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	07/09/2012	10:54	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	08/16/2012	01:28	No	No	No	No	No	5	Well Water Pi Below G Empty Pit / RF
RF	09/12/2012	09:25	No	No	No	No	No	3	Well Water Pi Below Ground



XTO ENERGY

505-632-5200

POLLOCK GAS COM D #1

1850' FSL 990' FEL

NE/SE SEC 28I T29N R10W

LATITUDE 36° .6948

LONGITUDE 107° .8841

API # 30-045-26173

SAN JUAN COUNTY, NEW MEXICO

