

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or

12233 Proposed Alternative Method Permit or Closure Plan Application

REC'D SEP 30 '14
OIL CONS. DIV.
DIST. 3

45-07822

- Type of action:
- Below grade tank registration
 - Permit of a pit or proposed alternative method
 - Closure of a pit, below-grade tank, or proposed alternative method
 - Modification to an existing permit/or registration
 - Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, 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 Road 3100, Aztec, New Mexico 87410
Facility or well name: Abrams Gas Com D # 1
API Number: 30-045-07822 OCD Permit Number: _____
U/L or Qtr/Qtr I Section 29 Township 29N Range 10W County: San Juan
Center of Proposed Design: Latitude 36.69442 Longitude -107.90153 NAD: 1927 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment

2.
 Pit: Subsection F, G or J of 19.15.17.11 NMAC
Temporary: Drilling Workover
 Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no
 Lined Unlined Liner type: Thickness _____ mil LLDPE HDPE PVC Other _____
 String-Reinforced
Liner Seams: Welded Factory Other _____ Volume: _____ bbl Dimensions: L _____ x W _____ x D _____

3.
 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 _____

4.
 Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
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 high, steel mesh field fence (hogwire) with pipe top rail

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6.

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)

7.

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 19.15.16.8 NMAC

8.

Variations 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:

- Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

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. Siting criteria does not apply to drying pads or above-grade tanks.*

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

- Yes No
- NA

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

- Yes No
- NA

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. **(Does not apply to below grade tanks)**

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

- Yes No

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)**

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

- Yes No

Within an unstable area. **(Does not apply to below grade tanks)**

- 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. **(Does not apply to below grade tanks)**

- FEMA map

- Yes No

Below Grade Tanks

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

- Yes No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

- Yes No

Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

- Yes No

Within 300 feet from a occupied 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 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

- Yes No

<p>Within 100 feet of a wetland.</p> <ul style="list-style-type: none"> - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><u>Temporary Pit Non-low chloride drilling fluid</u></p>	
<p>Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</p> <ul style="list-style-type: none"> - Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <ul style="list-style-type: none"> - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;</p> <ul style="list-style-type: none"> - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 300 feet of a wetland.</p> <ul style="list-style-type: none"> - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><u>Permanent Pit or Multi-Well Fluid Management Pit</u></p>	
<p>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).</p> <ul style="list-style-type: none"> - Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <ul style="list-style-type: none"> - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.</p> <ul style="list-style-type: none"> - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 feet of a wetland.</p> <ul style="list-style-type: none"> - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No

10.

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: _____

11.

Multi-Well Fluid Management Pit 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.

- 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
- A List of wells with approved application for permit to drill associated with the pit.
- 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
- Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

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

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 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

16.

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 E of 19.15.17.13 NMAC
- Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K 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 19.15.17.13 NMAC
- Waste Material Sampling Plan - based upon the appropriate requirements 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 H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.

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.

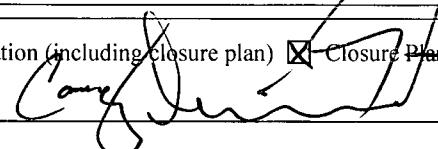
Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.

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

OCD Representative Signature:  Approval Date: 10/22/14

Title: Environmental Spec _____ OCD Permit Number: _____

19.

Closure Report (required within 60 days of closure completion): 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: 8-29-2014

20.

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.

21.

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 for private land only)
- 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

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: EHS Coordinator

Signature:  Date: 9-26-14

e-mail address: Kurt_Hoekstra@xtoenergy.com Telephone: 505-333-3100

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

Lease Name: Abrams Gas Com D # 1

API No.: 30-045-07822

Description: Unit I, Section 29, 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 August 29th, 2014
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 August 29th, 2014
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 the Abrams 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	< 0.05 mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	< 0.35 mg/kg
TPH	EPA SW-846 418.1	100	128 mg/kg
Chlorides	EPA 300.1	250 or background	< 9.98 mg/kg
TPH	EPA 8015	5000	42.7 mg/kg

8. If XTO or the division determines that a release has occurred, XTO will comply with 19.15.3.116 NMAC and 19.15.1.19NMAC as appropriate.

Due to TPH results of 128 ppm, a release has been confirmed for this location. A C-141 Release Notification form will be sent outlining any remediation activities taken regarding this release

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

The pit cellar was backfilled using compacted, non-waste containing earthen material, with a division prescribed soil cover.

10. Notice of Closure operations will be given to the Aztec Division District III office between 72 hours and one week prior to the start of closure activities via email or verbally.

The notification will include the following:

- i. Operator's name
- ii. Well Name and API Number
- iii. Location by Unit Letter, Section, Township, and Range

Notification was provided to Mr. Brandon Powell with the Aztec office of the OCD via email on August 22nd, 2014; 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 August 22nd, 2014; see attached letter and return receipt

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

The location will be recontoured to match the above specifications.

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

The site has been backfilled to match these specifications.

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

The location will be reclaimed pursuant to the BLM MOU

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

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) 333-3100
Facility Name: Abrams Gas Com D # 1	Facility Type: Gas Well (Aztec Fruitland & Aztec Pictured Cliffs)
Surface Owner: Private	Mineral Owner
API No.: 30-045-07822	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	29	29N	10W	1650	FSL	990	FEL	San Juan

Latitude 36.69442 Longitude -107.90153

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 9-5-2014
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 Abrams Gas Com D # 1 well site due to P & A of the location. The soil 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' spill confirmation standards for benzene, total BTEX, and chlorides, but above the TPH Standard of 100 ppm at 128 ppm via USEPA Method 418.1, confirming that a release has occurred at this location. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 30 due to an estimated depth to groundwater of more than <50 feet, distance to a water well greater than 1000 feet, and distance to surface water less than 1000 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.* Based on TPH results of 128 ppm via USEPA Method 418.1 a release has been confirmed at this location.

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

Signature: <i>Kurt Hoekstra</i>	OIL CONSERVATION DIVISION	
	Approved by Environmental Specialist:	
Printed Name: Kurt Hoekstra	Approval Date:	Expiration Date:
Title: EHS Coordinator	Conditions of Approval:	
E-mail Address: Kurt.Hoekstra@xtoenergy.com	Attached <input type="checkbox"/>	
Date: 9-26-14 Phone: 505-333-3100		

* Attach Additional Sheets If Necessary



Analytical Report

Report Summary

Client: XTO Energy Inc.
Chain Of Custody Number: 0489
Samples Received: 8/29/2014 3:05:00PM
Job Number: 98031-0528
Work Order: P408125
Project Name/Location: Abrams GC D #1

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 9/5/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Abrams GC D #1
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
05-Sep-14 12:51

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Cellar	P408125-01A	Soil	08/29/14	08/29/14	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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**BGT Cellar
P408125-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
p,m-Xylene	ND	0.10	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
<i>Surrogate: Bromochlorobenzene</i>		90.8 %		50-150	1436009	09/02/14	09/03/14	EPA 8021B	
<i>Surrogate: 1,3-Dichlorobenzene</i>		92.4 %		50-150	1436009	09/02/14	09/03/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8015D	
Diesel Range Organics (C10-C28)	42.7	25.0	mg/kg	1	1436008	09/02/14	09/03/14	EPA 8015D	
<i>Surrogate: Benzo[a]pyrene</i>		119 %		50-200	1436008	09/02/14	09/03/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	128	35.0	mg/kg	1	1436012	09/02/14	09/02/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	ND	9.98	mg/kg	1	1436005	09/02/14	09/02/14	EPA 300.0	

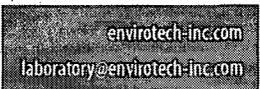
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
---	---	------------------------------

Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1436009 - Purge and Trap EPA 5030A

Blank (1436009-BLK1)				Prepared: 02-Sep-14 Analyzed: 03-Sep-14						
Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.10	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
Surrogate: 1,3-Dichlorobenzene	0.0506		"	0.0497		102	50-150			
Surrogate: Bromochlorobenzene	0.0510		"	0.0497		103	50-150			

Duplicate (1436009-DUP1)				Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14						
Benzene	ND	0.05	mg/kg		ND					30
Toluene	ND	0.05	"		ND					30
Ethylbenzene	ND	0.05	"		ND					30
p,m-Xylene	ND	0.10	"		ND					30
o-Xylene	ND	0.05	"		ND					30
Surrogate: 1,3-Dichlorobenzene	0.0496		"	0.0500		99.4	50-150			
Surrogate: Bromochlorobenzene	0.0507		"	0.0500		101	50-150			

Matrix Spike (1436009-MS1)				Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14						
Benzene	47.8		ug/L	50.0	ND	95.6	39-150			
Toluene	47.9		"	50.0	ND	95.8	46-148			
Ethylbenzene	48.2		"	50.0	ND	96.4	32-160			
p,m-Xylene	95.7		"	100	ND	95.7	46-148			
o-Xylene	47.8		"	50.0	ND	95.6	46-148			
Surrogate: 1,3-Dichlorobenzene	2.43		mg/kg	2.50		97.4	50-150			
Surrogate: Bromochlorobenzene	2.50		"	2.50		100	50-150			

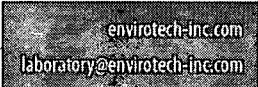
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1436008 - DRO Extraction EPA 3550M

Blank (1436008-BLK1) Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Diesel Range Organics (C10-C28)	ND	24.9	mg/kg							
Surrogate: Benzo[a]pyrene	19.6		"	19.9		98.4	50-200			

LCS (1436008-BS1) Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Diesel Range Organics (C10-C28)	518	25.0	mg/kg	500		104	38-132			
Surrogate: Benzo[a]pyrene	20.8		"	20.0		104	50-200			

Matrix Spike (1436008-MS1) Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Diesel Range Organics (C10-C28)	537	25.0	mg/kg	500	42.7	99.0	38-132			
Surrogate: Benzo[a]pyrene	19.5		"	20.0		97.5	50-200			

Matrix Spike Dup (1436008-MSD1) Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Diesel Range Organics (C10-C28)	654	24.9	mg/kg	499	42.7	123	38-132	19.6	20	
Surrogate: Benzo[a]pyrene	21.4		"	20.0		107	50-200			

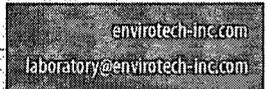
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
---	---	------------------------------

Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1436009 - Purge and Trap EPA 5030A

Blank (1436009-BLK1)		Prepared: 02-Sep-14 Analyzed: 03-Sep-14								
Gasoline Range Organics (C6-C10)	ND	4.97	mg/kg							
Duplicate (1436009-DUP1)		Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14								
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg		ND				30	
Matrix Spike (1436009-MS1)		Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14								
Gasoline Range Organics (C6-C10)	0.42		mg/L	0.450	ND	93.1	75-125			

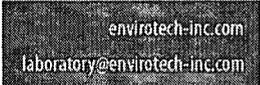
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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Total Petroleum Hydrocarbons by 418.1 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1436012 - 418 Freon Extraction

Blank (1436012-BLK1)		Prepared & Analyzed: 02-Sep-14								
Total Petroleum Hydrocarbons	ND	34.9	mg/kg							
Duplicate (1436012-DUP1)		Source: P408118-01 Prepared & Analyzed: 02-Sep-14								
Total Petroleum Hydrocarbons	424	35.0	mg/kg		453			6.72	30	
Matrix Spike (1436012-MS1)		Source: P408118-01 Prepared & Analyzed: 02-Sep-14								
Total Petroleum Hydrocarbons	2080	34.9	mg/kg	2020	453	80.9	80-120			

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1436005 - Anion Extraction EPA 300.0

Blank (1436005-BLK1)			Prepared & Analyzed: 02-Sep-14							
Chloride	ND	9.81	mg/kg							
LCS (1436005-BS1)			Prepared & Analyzed: 02-Sep-14							
Chloride	480	9.89	mg/kg	495		97.1	90-110			
Matrix Spike (1436005-MS1)			Source: P408126-01		Prepared & Analyzed: 02-Sep-14					
Chloride	525	9.88	mg/kg	494	38.5	98.5	80-120			
Matrix Spike Dup (1436005-MSD1)			Source: P408126-01		Prepared & Analyzed: 02-Sep-14					
Chloride	521	9.81	mg/kg	491	38.5	98.3	80-120	0.924	20	

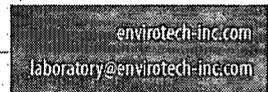
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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Abrams GC D #1
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
05-Sep-14 12:51

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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envirotech-inc.com
laboratory@envirotech-inc.com

Hoekstra, Kurt

From: Hoekstra, Kurt
Sent: Friday, August 22, 2014 6:29 AM
To: Brandon Powell (brandon.powell@state.nm.us); 'Cory.Smith@state.nm.us'
Cc: McDaniel, James (James_McDaniel@xtoenergy.com); Hixon, Logan
Subject: BGT Closure for P & A

Brandon and Cory,

Please accept this email as the required 72 hour notification for BGT closure activities at the Abrams Gas Com D # 1 well site (30-

045-07822) located in Section 29, Township 29N, Range 10W, San Juan County, New Mexico. This BGT is being closed due

to the P & A of this location. Thank you for your time in regards to this matter.

Kurt Hoekstra
EHS Coordinator
XTO Energy
505-333-3202 Office
505-486-9543 Cell
Kurt_Hoekstra@xtoenergy.com

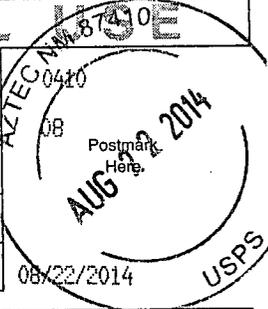
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Restricted Delivery Fee (Endorsement Required)		\$0.00
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Sent To
Mr + Mrs Doyle R and Jackie S. Neal
 Street, Apt. No.,
 or PO Box No. **554 Road 4990**
 City, State, ZIP+4
Bloomfield, NM 87413 KH
 PS Form 3800, August 2006 See Reverse for Instructions

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 <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Denise Doyle</i></p> <p>C. Date of Delivery <i>8/25/14</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Mr + Mrs Doyle R and Jackie S. Neal 554 Road 4990 Bloomfield, NM 87413</p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
<p>2. Article Number (Transfer from service label) </p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>7012 1010 0002 9433 4148</p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

August 22, 2014

Mr. and Mrs. Doyle R. and Jackie S. Neal,
554 Road 4990
Bloomfield, New Mexico 87413

Re: Abrams Gas Com D # 1 API # 30-045-07822
Unit I, Section 29, Township 29N, Range 10W, San Juan County, New Mexico

Mr. and Mrs. Neal;

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
EHS Coordinator
XTO Energy, Inc.
Western Division

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Form C-141
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

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) 333-3100	
Facility Name: Abrams Gas Com D # 1	Facility Type: Gas Well (Aztec Fruitland & Aztec Pictured Cliffs)	
Surface Owner: Private	Mineral Owner	API No.: 30-045-07822

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	29	29N	10W	1650	FSL	990	FEL	San Juan

Latitude 36.69442 Longitude -107.90153

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 9-5-2014
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 Abrams Gas Com D # 1 well site due to P & A of the location. The soil 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' spill confirmation standards for benzene, total BTEX, and chlorides, but above the TPH Standard of 100 ppm at 128 ppm via USEPA Method 418.1, confirming that a release has occurred at this location. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 30 due to an estimated depth to groundwater of more than <50 feet, distance to a water well greater than 1000 feet, and distance to surface water less than 1000 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.* Based on TPH results of 42.7 ppm via USEPA Method 8015 this is below the Guidelines for the Remediation of Leaks, Spills and Releases standards. 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.

OIL CONSERVATION DIVISION

Signature: <i>Kurt Hoekstra</i>	Approved by Environmental Specialist:	
Printed Name: Kurt Hoekstra		
Title: EHS Coordinator	Approval Date:	Expiration Date:
E-mail Address: Kurt.Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9-26-14 Phone: 505-333-3100		

* Attach Additional Sheets If Necessary



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0489

Samples Received: 8/29/2014 3:05:00PM

Job Number: 98031-0528

Work Order: P408125

Project Name/Location: Abrams GC D #1

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read "Tim Cain", is written over a horizontal line.

Tim Cain, Laboratory Manager

Date: 9/5/14

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Cellar	P408125-01A	Soil	08/29/14	08/29/14	Glass Jar, 4 oz.

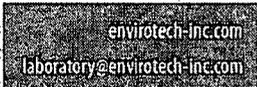
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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**BGT Cellar
P408125-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
p,m-Xylene	ND	0.10	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
<i>Surrogate: Bromochlorobenzene</i>		90.8 %		50-150	1436009	09/02/14	09/03/14	EPA 8021B	
<i>Surrogate: 1,3-Dichlorobenzene</i>		92.4 %		50-150	1436009	09/02/14	09/03/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8015D	
Diesel Range Organics (C10-C28)	42.7	25.0	mg/kg	1	1436008	09/02/14	09/03/14	EPA 8015D	
<i>Surrogate: Benzo[a]pyrene</i>		119 %		50-200	1436008	09/02/14	09/03/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	128	35.0	mg/kg	1	1436012	09/02/14	09/02/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	ND	9.98	mg/kg	1	1436005	09/02/14	09/02/14	EPA 300.0	

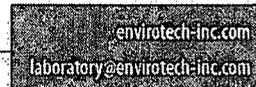
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
---	---	------------------------------

Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1436009 - Purge and Trap EPA 5030A

Blank (1436009-BLK1)					Prepared: 02-Sep-14 Analyzed: 03-Sep-14					
Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.10	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
Surrogate: 1,3-Dichlorobenzene	0.0506		"	0.0497		102	50-150			
Surrogate: Bromochlorobenzene	0.0510		"	0.0497		103	50-150			

Duplicate (1436009-DUP1)					Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14					
Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	ND	0.10	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: 1,3-Dichlorobenzene	0.0496		"	0.0500		99.4	50-150			
Surrogate: Bromochlorobenzene	0.0507		"	0.0500		101	50-150			

Matrix Spike (1436009-MS1)					Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14					
Benzene	47.8		ug/L	50.0	ND	95.6	39-150			
Toluene	47.9		"	50.0	ND	95.8	46-148			
Ethylbenzene	48.2		"	50.0	ND	96.4	32-160			
p,m-Xylene	95.7		"	100	ND	95.7	46-148			
o-Xylene	47.8		"	50.0	ND	95.6	46-148			
Surrogate: 1,3-Dichlorobenzene	2.43		mg/kg	2.50		97.4	50-150			
Surrogate: Bromochlorobenzene	2.50		"	2.50		100	50-150			

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1436008 - DRO Extraction EPA 3550M										
Blank (1436008-BLK1) Prepared: 02-Sep-14 Analyzed: 03-Sep-14										
Diesel Range Organics (C10-C28)	ND	24.9	mg/kg							
Surrogate: Benzo[a]pyrene	19.6		"	19.9		98.4	50-200			
LCS (1436008-BS1) Prepared: 02-Sep-14 Analyzed: 03-Sep-14										
Diesel Range Organics (C10-C28)	518	25.0	mg/kg	500		104	38-132			
Surrogate: Benzo[a]pyrene	20.8		"	20.0		104	50-200			
Matrix Spike (1436008-MS1) Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14										
Diesel Range Organics (C10-C28)	537	25.0	mg/kg	500	42.7	99.0	38-132			
Surrogate: Benzo[a]pyrene	19.5		"	20.0		97.5	50-200			
Matrix Spike Dup (1436008-MSD1) Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14										
Diesel Range Organics (C10-C28)	654	24.9	mg/kg	499	42.7	123	38-132	19.6	20	
Surrogate: Benzo[a]pyrene	21.4		"	20.0		107	50-200			

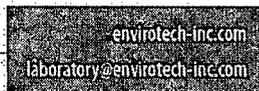
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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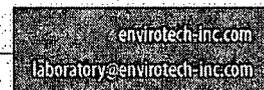
Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

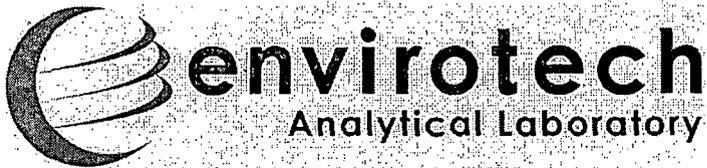
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1436009 - Purge and Trap EPA 5030A										
Blank (1436009-BLK1) Prepared: 02-Sep-14 Analyzed: 03-Sep-14										
Gasoline Range Organics (C6-C10)	ND	4.97	mg/kg							
Duplicate (1436009-DUP1) Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14										
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg		ND				30	
Matrix Spike (1436009-MS1) Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14										
Gasoline Range Organics (C6-C10)	0.42		mg/L	0.450	ND	93.1	75-125			

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Total Petroleum Hydrocarbons by 418.1 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1436012 - 418 Freon Extraction										
Blank (1436012-BLK1)										
Total Petroleum Hydrocarbons	ND	34.9	mg/kg							Prepared & Analyzed: 02-Sep-14
Duplicate (1436012-DUP1)										
Total Petroleum Hydrocarbons	424	35.0	mg/kg		453			6.72	30	Prepared & Analyzed: 02-Sep-14
Matrix Spike (1436012-MS1)										
Total Petroleum Hydrocarbons	2080	34.9	mg/kg	2020	453	80.9	80-120			Prepared & Analyzed: 02-Sep-14

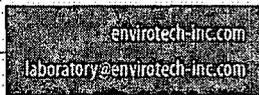
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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1436005 - Anion Extraction EPA 300.0										
Blank (1436005-BLK1)					Prepared & Analyzed: 02-Sep-14					
Chloride	ND	9.81	mg/kg							
LCS (1436005-BS1)					Prepared & Analyzed: 02-Sep-14					
Chloride	480	9.89	mg/kg	495		97.1	90-110			
Matrix Spike (1436005-MS1)					Source: P408126-01 Prepared & Analyzed: 02-Sep-14					
Chloride	525	9.88	mg/kg	494	38.5	98.5	80-120			
Matrix Spike Dup (1436005-MSD1)					Source: P408126-01 Prepared & Analyzed: 02-Sep-14					
Chloride	521	9.81	mg/kg	491	38.5	98.3	80-120	0.924	20	

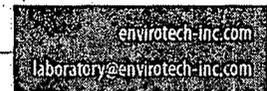
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Abrams GC D #1 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 05-Sep-14 12:51
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Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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Well Below Tank Inspection Report

08/25/2014

Division Denver
 Dates 06/01/2008 - 06/01/2014
 Type Route Stop
 Type Value A

RouteName DEN NM Run 53B StopName ABRAMS GAS COM D 001 Pumper Farnsworth, Rex Foreman Bramwell, Chris WellName ABRAMS GC D 01 APIWellNumber 3004507822 Section 29 Range 10W Township 29N

InspectorName	Inspection Date	Inspection Time	Visible Liner Tears	Visible Tank Leak Overflow	Collection Of Surface Run No	Visible Layer Oil No	Visible Leak No	Freeboard Est FT	Pit Location	Pit Type	Notes
Jeremy Brington	10/07/2008	10:55	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
PAT ROARK	12/15/2008	11:00	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
Jeremy Brington	01/21/2009	12:20	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
PAT ROAR	02/22/2009	15:00	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
PAT ROAR	01/02/2010	15:00	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
PAT ROAR	01/18/2010	15:00	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
PAT ROAR	02/15/2010	15:00	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
Pat Roark	04/13/2010	15:00	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
Pat Roark	07/25/2010	15:00	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
Pat Roark	09/21/2010	02:27	No	No	No	No	No	2	Compressor Water Pit	Below Ground	
Pat Roark	10/08/2010	01:05	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
Pat Roark	11/17/2010	10:00	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
RF	12/05/2010	09:14	No	No	No	No	No	2	Compressor Water Pit	Below Ground	
Pat Roark	01/11/2011	10:00	No	No	No	No	No	2	Compressor Water Pit	Below Ground	
Pat Roark	03/17/2011	15:00	No	No	No	No	No	2	Compressor Water Pit	Below Ground	
Pat Roark	04/05/2011	10:15	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
Pat Roark	7/12/2011	12:15	No	No	No	No	No	5	Compressor Water Pit	Below Ground	
RF	8/3/2011	12:25	No	No	No	No	No	3	Compressor Water Pit	Below Ground	
RF	9/2/2011	1:38	No	No	No	No	No	2	Compressor Water Pit	Below Ground	
RF	10/6/2011	8:40	No	No	No	No	No	2	Compressor Water Pit	Below Ground	
RF	11/14/2011	11:22	No	No	No	No	No	2	Compressor Water Pit	Below Ground	
RF	12/12/2011	12:39	No	No	No	No	No	2	Compressor Water Pit	Below Ground	
RF	1/12/2012	1:02	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	2/3/2012	12:08	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	3/7/2012	9:53	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	4/5/2012	1:40	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	5/11/2012	12:30	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	6/7/2012	1:15	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	7/9/2012	12:02	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	8/23/2012	9:11	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	9/19/2012	8:31	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	10/4/2012	12:17	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	11/7/2012	12:24	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	12/17/2012	11:42	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	1/30/2013	1:00	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	2/14/2013	12:38	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	3/12/2013	1:26	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	4/5/2013	10:03	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	5/8/2013	1:49	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	6/12/2013	12:12	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	7/16/2013	9:51	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	8/7/2013	9:16	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	9/6/2013	2:09	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	10/14/2013	11:23	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	11/26/2013	8:44	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	12/19/2013	8:26	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	1/21/2014	2:52	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	2/13/2014	10:53	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	3/12/2014	10:04	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	4/15/2014	11:55	No	No	No	No	No	4	Compressor Water Pit	Below Ground	
RF	5/13/2014	1:00	No	No	No	No	No	4	Compressor Water Pit	Below Ground	

