

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

12234 Proposed Alternative Method Permit or Closure Plan Application

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

RCUD SEP 30 '14
OIL CONS. DIV.
DIST. 3

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: Apache Federal # 8E
API Number: 30-039-23040 OCD Permit Number: _____
U/L or Qtr/Qtr A Section 8 Township 24N Range 5W County: Rio Arriba
Center of Proposed Design: Latitude 36.33158 Longitude -107.37868 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: 21 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 _____
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 _____

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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 _____

☐ 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.

Variances 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

Within 100 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Temporary Pit Non-low chloride drilling fluid

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).

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

☐ Yes ☐ No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 500 horizontal feet of a 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;

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

☐ Yes ☐ No

Within 300 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Permanent Pit or Multi-Well Fluid Management Pit

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

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

☐ Yes ☐ No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

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

☐ Yes ☐ No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ 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: _____

12.

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

13.

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 ☐ Multi-well Fluid Management Pit
☐ 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

14.

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 C 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 H of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.

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 require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

- | | |
|---|---|
| Ground water is less than 25 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 25-50 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 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 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, 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 photo; Satellite image | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, 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 |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 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 incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance | |

adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

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

☐ Yes ☐ No

Within 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: 10/1/14

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: 9-11-2014

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

District I
1625 N. French Dr., Hobbs, NM 88240
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1000 Rio Brazos Road, Aztec, NM 87410
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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: Apache Federal # 8E	Facility Type: Gas Well (Basin Dakota, Otero Gallup)	
Surface Owner: Tribal	Mineral Owner	API No. 30-039-23040

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	8	24N	5W	955	FNL	1005	FEL	Rio Arriba

Latitude: 36.33158 Longitude: -107.37868

NATURE OF RELEASE

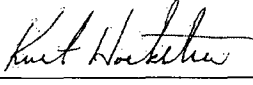
Type of Release: N/A	Volume of Release: N/A	Volume Recovered: N/A
Source of Release: N/A	Date and Hour of Occurrence N/A	Date and Hour of Discovery: N/A
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
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 Apache Federal # 8E well site due to facility upgrades of the well site. 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, 50 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 at 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 Environmental Specialist:		
Title: EHS Coordinator	Approval Date:	Expiration Date:	
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 9-11-2014 Phone: 505-333-3100			

* Attach Additional Sheets If Necessary



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0486

Samples Received: 8/15/2014 2:50:00PM

Job Number: 98031-0528

Work Order: P408064

Project Name/Location: Apache Federal #8E

Entire Report Reviewed By:

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

Date: 8/18/14

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: Apache Federal #8E
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
18-Aug-14 15:04

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Drain Tank Cellar	P408064-01A	Soil	08/15/14	08/15/14	Glass Jar, 4 oz.
	P408064-01B	Soil	08/15/14	08/15/14	Glass Jar, 4 oz.

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Ex (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

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



XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Apache Federal #8E
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
18-Aug-14 15:04

Drain Tank Cellar
P408064-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1433039	08/16/14	08/16/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1433039	08/16/14	08/16/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1433039	08/16/14	08/16/14	EPA 8021B	
p,m-Xylene	ND	0.10	mg/kg	1	1433039	08/16/14	08/16/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1433039	08/16/14	08/16/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1433039	08/16/14	08/16/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1433039	08/16/14	08/16/14	EPA 8021B	
Surrogate: Bromochlorobenzene		98.1 %		50-150	1433039	08/16/14	08/16/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		98.3 %		50-150	1433039	08/16/14	08/16/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.85	mg/kg	1	1433039	08/16/14	08/16/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	29.3	mg/kg	1	1433040	08/16/14	08/16/14	EPA 8015D	
Surrogate: Benzo[a]pyrene		104 %		50-200	1433040	08/16/14	08/16/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	35.0	mg/kg	1	1434007	08/18/14	08/18/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	ND	9.93	mg/kg	1	1434002	08/18/14	08/18/14	EPA 300.0	

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



XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Apache Federal #8E
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
18-Aug-14 15:04

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 1433039 - Purge and Trap EPA 5030A

Blank (1433039-BLK1)

Prepared & Analyzed: 16-Aug-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	48.4		ug/L	50.0		96.8	50-150			
Surrogate: Bromochlorobenzene	47.9		"	50.0		95.7	50-150			

Duplicate (1433039-DUP1)

Source: P408062-01

Prepared & Analyzed: 16-Aug-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	49.8		ug/L	50.0		99.7	50-150			
Surrogate: Bromochlorobenzene	49.9		"	50.0		99.9	50-150			

Matrix Spike (1433039-MS1)

Source: P408062-01

Prepared & Analyzed: 16-Aug-14

Benzene	42.4		ug/L	50.0	ND	84.8	39-150			
Toluene	44.7		"	50.0	ND	89.5	46-148			
Ethylbenzene	44.6		"	50.0	ND	89.2	32-160			
p,m-Xylene	89.4		"	100	ND	89.4	46-148			
o-Xylene	44.9		"	50.0	ND	89.8	46-148			
Surrogate: 1,3-Dichlorobenzene	48.9		"	50.0		97.8	50-150			
Surrogate: Bromochlorobenzene	49.7		"	50.0		99.3	50-150			

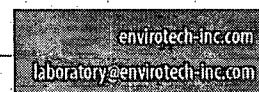
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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Apache Federal #8E
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
18-Aug-14 15:04

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 1433039 - Purge and Trap EPA 5030A

Blank (1433039-BLK1)

Prepared & Analyzed: 16-Aug-14

Gasoline Range Organics (C6-C10) ND 4.98 mg/kg

Duplicate (1433039-DUP1)

Source: P408062-01

Prepared & Analyzed: 16-Aug-14

Gasoline Range Organics (C6-C10) ND 4.95 mg/kg ND 30

Matrix Spike (1433039-MS1)

Source: P408062-01

Prepared & Analyzed: 16-Aug-14

Gasoline Range Organics (C6-C10) 0.43 mg/L 0.450 ND 96.0 75-125

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Apache Federal #8E
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
18-Aug-14 15:04

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 1433040 - DRO Extraction EPA 3550M										
Blank (1433040-BLK1)				Prepared & Analyzed: 16-Aug-14						
Diesel Range Organics (C10-C28)	ND	24.6	mg/kg							
Surrogate: Benzo[a]pyrene	24.3		"	19.7		123	50-200			
LCS (1433040-BS1)				Prepared & Analyzed: 16-Aug-14						
Diesel Range Organics (C10-C28)	684	24.5	mg/kg	491		139	38-132			SPK1
Surrogate: Benzo[a]pyrene	27.7		"	19.6		141	50-200			
Matrix Spike (1433040-MS1)				Source: P408062-01		Prepared & Analyzed: 16-Aug-14				
Diesel Range Organics (C10-C28)	678	24.8	mg/kg	495	ND	137	38-132			SPK1
Surrogate: Benzo[a]pyrene	28.5		"	19.8		144	50-200			
Matrix Spike Dup (1433040-MSD1)				Source: P408062-01		Prepared & Analyzed: 16-Aug-14				
Diesel Range Organics (C10-C28)	545	24.8	mg/kg	497	ND	110	38-132	21.7	20	RPD
Surrogate: Benzo[a]pyrene	22.5		"	19.9		113	50-200			

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Apache Federal #8E
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
18-Aug-14 15:04

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
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Batch 1434007 - 418 Freon Extraction

Blank (1434007-BLK1)

Prepared & Analyzed: 18-Aug-14

Total Petroleum Hydrocarbons ND 35.0 mg/kg

Duplicate (1434007-DUP1)

Source: P408064-01

Prepared & Analyzed: 18-Aug-14

Total Petroleum Hydrocarbons ND 34.9 mg/kg ND 30

Matrix Spike (1434007-MS1)

Source: P408064-01

Prepared & Analyzed: 18-Aug-14

Total Petroleum Hydrocarbons 1810 35.0 mg/kg 2030 ND 89.1 80-120

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Apache Federal #8E
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
18-Aug-14 15:04

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 1434002 - Anion Extraction EPA 300.0										
Blank (1434002-BLK1)				Prepared & Analyzed: 18-Aug-14						
Chloride	ND	9.84	mg/kg							
LCS (1434002-BS1)				Prepared & Analyzed: 18-Aug-14						
Chloride	491	9.95	mg/kg	498		98.7	90-110			
Matrix Spike (1434002-MS1)				Source: P408064-01 Prepared & Analyzed: 18-Aug-14						
Chloride	498	9.90	mg/kg	495	ND	101	80-120			
Matrix Spike Dup (1434002-MSD1)				Source: P408064-01 Prepared & Analyzed: 18-Aug-14						
Chloride	503	9.97	mg/kg	499	ND	101	80-120	1.00	20	

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Apache Federal #8E
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
18-Aug-14 15:04

Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.

RPD Sample/Duplicate or Matrix Spike/Matrix Spike Duplicate combination, Relative Percent Difference exceeded 30%.

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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* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

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

Lease Name: Apache Federal # 8E

API No.: 30-045-23040

Description: Unit A, Section 8, Township 24N, Range 5W, 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 obtain approval of this closure plan prior to commencing closure of the below grade tank at this location pursuant to 19.15.17.13.C (1) NMAC
Closure Approval Date: August 15th, 2014
2. XTO will notify the surface owner by certified mail, return receipt requested, that the operator plans closure operations at least 72 hours, but no more than one week, prior to any closure operation. Notice will include:
Surface Owner Notification Date: August 12th, 2014 (Attached)
3. XTO will notify the NMOCD Aztec Office by email that the operator plans closure operations at least 72 hours, but no more than one week, prior to any closure operation. Notice will include:
NMOCD Notification Date: August 12th, 2014 (Attached)
4. Within 60 days of cessation of operations, 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:
 - a. Soils, tank bottoms, produced sand, pit sludge and other exempt wastes impacted by petroleum hydrocarbons will be disposed of at:
Envirotech: Permit #NM01-0011 and IEI: Permit # NM01-0010B
 - b. Produced Water will be disposed of at:
Basin Disposal: Permit # NM01-005 and XTO owned salt water Disposal Facilities

All liquids and sludge were removed from the below grade tank prior to closure activities.

5. Within six (6) months of cessation of operations, 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. If there is any equipment associated with a below-grade tank, then the operator shall remove the equipment, unless the equipment is required for some other purpose.

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.

All equipment will remain on location for the continued production of oil and gas.

6. XTO will collect a closure sample of the soil beneath the location of the below grade tank that is being closed. The closure sample will consist of a five-point composite sample to include any obvious stained or wet soils, or other evidence of contamination. The closure sample will be analyzed for the constituents listed in Table I of 19.15.17.13 NMAC.

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

TABLE I				
Depth Below bottom of pit to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit	Results
≤ 50 Feet	Chloride	EPA 9056	600 mg/kg	< 9.93 mg/kg
	TPH	Method 418.1	100 mg/kg	< 35.0 mg/kg
	BTEX	Method 8021B	50 mg/kg	< 0.35 mg/kg
	Benzene	Method 8021B	10 mg/kg	< 0.05 mg/kg
51 feet - 100 feet	Chloride	EPA 9056	10,000 mg/kg	
	TPH	Method 418.1	2,500 mg/kg	
	GRO + DRO	Method 8015	1,000 mg/kg	
	BTEX	Method 8021B	50 mg/kg	
	Benzene	Method 8021B	10 mg/kg	
> 100 feet	Chloride	EPA 9056	20,000 mg/kg	
	TPH	EPA 418.1	2,500 mg/kg	
	GRO + DRO	Method 8015	1,000 mg/kg	
	BTEX	Method 8021B	50 mg/kg	
	Benzene	Method 8021B	10 mg/kg	

7. If any contaminant concentration is higher than the parameters listed in Table I of 19.15.17.13 NMAC, the division may require additional delineation upon review of the

results and the operator must receive approval before proceeding with closure. If all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, then the operator can proceed to backfill the pit, pad, or excavation with non-waste containing, uncontaminated, earthen material.

No release has been confirmed at this site.

8. After closure has occurred, XTO will reclaim the former BGT area, if it is no longer being used for extraction of oil and gas, by substantially restoring the impacted surface area to the condition that existed prior to oil and gas operations. XTO will construct the soil cover to the site's existing grade and prevent ponding of water and erosion of the cover materials. The soil cover shall consist of the background thickness of topsoil, or one foot of suitable materials to establish vegetation at the site, whichever is greater. All areas will be reclaimed as early as practicable, and as close to their original condition or land use as possible. They shall be maintained in a way as to control dust and minimize erosion.

The pit cellar was backfilled using compacted, non-waste containing earthen material to prevent ponding of water and erosion of the cover materials, with a division prescribed soil cover.

9. XTO will complete reclamation of all disturbed areas no longer in use when the ground disturbance activities at the site have been completed. The reseeding shall take place during the first favorable growing season after closure. Reclamation activities will be considered completed when a uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre-disturbance levels, and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds.

The site will be reclaimed pursuant to OCD, BLM specifications. A follow up C-103 will be submitted at the time of the below grade tank cover meeting the total plant cover of at least seventy percent (70%) of pre disturbance levels, excluding noxious weeks.

10. Within 60 days of closure, XTO will submit a closure report to the Aztec office of the NMOCD, filed on Form C-144. The report will include the following:

- a. Proof of closure notice to NMOCD and surface owner
Attached
- b. Confirmation sampling analytical results
Attached
- c. Soil backfill and cover installation information
Per OCD Specifications
- d. Photo documentation of site reclamation
Attached

Hoekstra, Kurt

From: Hoekstra, Kurt
Sent: Tuesday, August 12, 2014 11:00 AM
To: Brandon Powell (brandon.powell@state.nm.us); 'Cory.Smith@state.nm.us'
Subject: BGT Closure Apache Federal # 8E

Brandon,

Please accept this email as the required 72 hour notification for BGT closure activities at the Apache Federal # 8E well site (30-039-23040 located in Section 8, Township 24N, Range 5W, Rio Arriba County, New Mexico. This BGT is being closed due to facility upgrades at 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

Hoekstra, Kurt

From: Hoekstra, Kurt
Sent: Tuesday, August 12, 2014 11:06 AM
To: Hobson Sandoval (hsandoval_99@yahoo.com)
Subject: BGT Closure notification Apache Federal # 8E

Hobson,

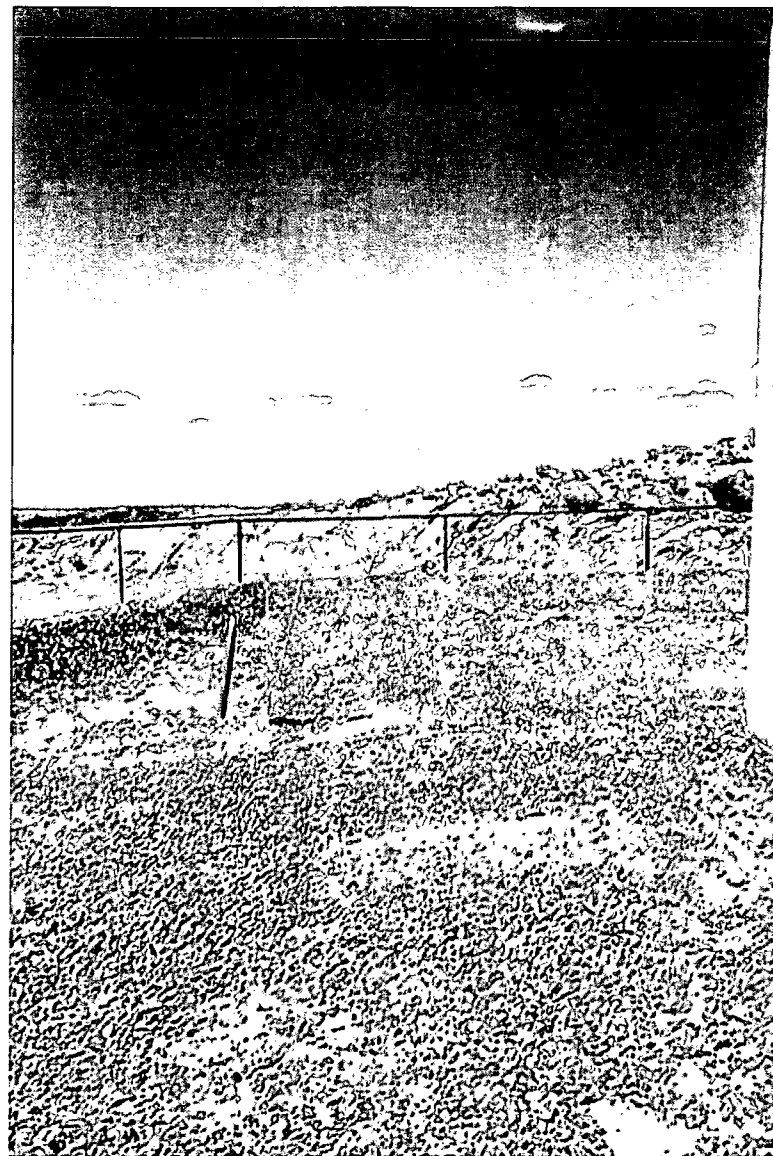
Please accept this email as the required 72 hour notification for BGT closure activities at the Apache Federal # 8E well site (30-039-23040 located in Section 8, Township 24N, Range 5W, Rio Arriba County, New Mexico. This BGT is being closed due to facility upgrades at this location. Thank you for your time in regards to this matter.

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

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

RouteName StopName Pumper Foreman WellName APIWellNumber Section Range Township
DEN NM Run 56B APACHE FEDERAL 006 Noble, Brandon Trebaugh, Rob APACHE FED 08E 3003923040 8 SW 24N
InspectorName Inspection Date Inspection Time Visible Liner Tears Visible Tank Leak Overflow Collection Of Surface Run Visible Layer Oil Visible Leak Frontboard EstFT PitLocation PitType Notes

Brandon Noble	06/25/2008	12:50	No	No	Yes	Yes	No	2		Drain pit
DC	09/16/2008	10:40	No	No	Yes	Yes	No	2		prod. pit / no liner
DC	10/29/2008	11:35	No	No	No	Yes	No	2		Below C prod. pit / no liner
BN	11/30/2008	11:00	No	No	No	Yes	No	2		Well Water Below C prod. pit / no liner
DC	12/07/2008	01:25	No	No	No	Yes	No	1		Well Water Below C prod. pit / no liner
DC	01/27/2009	01:55	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
OC	03/21/2009	11:00	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
BN	04/30/2009	09:50	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
BN	05/30/2009	09:20	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
BN	07/09/2009	09:50	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
DC	08/27/2009	10:40	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
BN	09/30/2009	11:10	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
BN	10/30/2009	09:50	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
OC	11/30/2009	01:50	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
BN	03/31/2010	08:20	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
DC	04/29/2010	08:00	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
DC	05/27/2010	08:45	No	No	No	Yes	No	4		Well Water Below C prod. pit / no liner
DC	06/25/2010	12:45	No	No	No	Yes	No	3		Well Water Below C prod. pit / no liner
BN	07/31/2010	09:20	No	No	No	Yes	No	3		Well Water Below C prod. pit / no liner
DC	09/22/2010	09:20	No	No	No	Yes	No	2		Well Water Below C prod. pit / no liner
DC	10/29/2010	09:20	No	No	No	Yes	No	3		Well Water Below C prod. pit / no liner
DC	12/12/2010	09:20	No	No	No	Yes	No	3		Well Water Below C prod. pit / no liner
BN	01/30/2011	09:30	No	No	No	Yes	No	3		Well Water Below C prod. pit / no liner
DC	6/28/2011	9:30	No	No	No	Yes	No	3		Well Water Below C prod. pit / no liner
DC	7/23/2011	9:30	No	No	No	Yes	No	3		Well Water Below C prod. pit / no liner
DC	10/26/2011	9:30	No	No	No	Yes	No	1		Well Water Below C prod. pit / no liner
DC	4/17/2012	9:30	No	No	No	Yes	No	2		Well Water Below C prod. pit / no liner
DC	5/30/2012	9:30	No	No	No	Yes	No	2		Well Water Below C prod. pit / no liner
DC	6/7/2012	9:30	No	No	No	Yes	No	2		Well Water Below C prod. pit / no liner
BN	9/20/2012	11:56	No	No	Yes	Yes	No	3		Well Water Below C prod. pit / no liner
BN	10/22/2012	10:08	No	No	Yes	Yes	No	3		Well Water Below C prod. pit / no liner
BN	7/12/2013	10:50	No	No	Yes	Yes	No	3		Well Water Below C prod. pit / no liner
BN	8/28/2013	12:36	No	No	Yes	Yes	No	2		Well Water Below C prod. pit / no liner
BN	9/30/2013	11:15	No	No	Yes	Yes	No	2		Well Water Below C prod. pit / no liner
MK	10/26/2013	2:27	No	No	Yes	Yes	No	2		Well Water Below C prod. pit / no liner
MK	11/13/2013	10:35	No	No	Yes	Yes	No	4		Well Water Below C prod. pit / no liner
MK	12/21/2013	9:18	No	No	Yes	Yes	No	4		Well Water Below C prod. pit / no liner
MK	1/7/2014	11:10	No	No	Yes	Yes	No	4		Well Water Below C prod. pit / no liner



Hoekstra, Kurt

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Friday, August 15, 2014 3:17 PM
To: Hoekstra, Kurt
Cc: McDaniel, James; Hixon, Logan; Powell, Brandon, EMNRD
Subject: RE: Request for closure Plan only Apache Federal # 8E

Kurt,

XTO's Closure plan for the Apache Federal #8E is denied due not following all applicable rules and regulations as outlined in 19.15.17.13 NMAC (2013)

However, NMOCD is going to give XTO pre-approval to close the Apache Federal #8E following the most stringent standards listed below and outlined in Table I of 19.15.17.13.

Components	Method	Limit
GW < 50 FT		
Chlorides	EPA 300.0	600 mg/Kg
TPH	EPA 418.1	100 mg/Kg
BTEX	EPA 8021B or 8260B	50 mg/Kg
Benzene	EPA 8021B or 8260B	10 mg/Kg

XTO will be required to submit a closure Plan following all applicable rules and regulations outline in 19.15.17.13 NMAC no later than 8/29/14 for the Apache Federal #8E

If you have any questions please contact me and the numbers listed below.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Hoekstra, Kurt [mailto:Kurt_Hoekstra@xtoenergy.com]
Sent: Friday, August 15, 2014 9:22 AM
To: Powell, Brandon, EMNRD; Smith, Cory, EMNRD
Cc: McDaniel, James; Hixon, Logan
Subject: Request for closure Plan only Apache Federal # 8E

Hello Brandon and Cory I attached the actual Closure plan and C-144 this time for you approval. Sorry for the inconvenience.

Hello Brandon and Cory, please approve the attached closure plan only for the 21 BBL BGT at the Apache Federal # 8E , API # 30-039-23040, located in Section 8, Township 24N, Range 5W, Rio Arriba County New, Mexico. Our records indicate the 120 BBL BGT closure plan was submitted to the Aztec office on 9-4-2008. The closure plan for the 21 BBL BGT was inadvertently omitted at that time. This BGT will be closed due to facility upgrades at this location. A hard copy is also being mailed today 8-13-2014.

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