District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office

7547

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

Type of action: ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
☒ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
☐ Modification to an existing permit
☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances

1
Operator XTO Energy, Inc OGRID # 5380
Address #382 County Road 3100, Aztec, NM 87410
Facility or well name Breech F #133
API Number 30-039-31011 OCD Permit Number
U/L or Qtr/Qtr J Section 33 Township 27N Range 6W County Rio Arriba
Center of Proposed Design Latitude 36 52934 Longitude 107 47058 NAD ☐1927 ☒ 1983
Surface Owner ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2
☒ **Pit:** Subsection F or G of 19 15 17 11 NMAC
Temporary ☒ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A
☒ Lined ☐ Unlined Liner type Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other
☒ String-Reinforced
Liner Seams ☒ Welded ☒ Factory ☐ Other Volume bbl Dimensions L 200 x W 80 x D 8-12

RCVD MAY 10 '12
OIL CONS. DIV.
DIST. 3

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

RECEIVED
MAY 2011
OIL CONS. DIV. DIST. 3

4
☐ **Below-grade tank:** Subsection I of 19 15 17 11 NMAC
Volume bbl Type of fluid
Tank Construction material
☐ 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

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

33

6

Fencing: Subsection D of 19 15 17 11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*

☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*

☒ Four foot height, four strands of barbed wire evenly spaced between one and four feet

☐ Alternate Please specify_____

7

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)

8

Signs: Subsection C of 19 15 17 11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☒ Signed in compliance with 19 15 3 103 NMAC

9

Administrative Approvals and Exceptions:

Justifications and/or demonstrations of equivalency are required Please refer to 19 15 17 NMAC for guidance

Please check a box if one or more of the following is requested, if not leave blank:

☒ Administrative approval(s) Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval Fencing- Hogwire

☐ Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval

10

Siting Criteria (regarding permitting): 19 15 17 10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. **Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.**

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells	☐ Yes ☐ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) - Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application *(Applies to temporary, emergency, or cavitation pits and below-grade tanks)* - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	☐ Yes ☐ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application *(Applies to permanent pits)* - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	☐ Yes ☐ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application - NM Office of the State Engineer - iWATERS database search, Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality, Written approval obtained from the municipality	☐ Yes ☐ No
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map	☐ Yes ☐ No
Within a 100-year floodplain - FEMA map	☐ Yes ☐ No

11

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19 15 17 9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- [X] Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19 15 17 9 NMAC
- [X] Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19 15 17 9 NMAC
- [X] Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC
- [X] Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC
- [X] Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
- [X] Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19 15 17 13 NMAC

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

12

Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15 17 9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- [ ] Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19 15 17 9
- [ ] Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19 15 17 10 NMAC
- [X] Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC
- [X] Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
- [X] Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19 15 17 13 NMAC

[ ] Previously Approved Design (attach copy of design) API Number _____

[ ] Previously Approved Operating and Maintenance Plan API Number: _____ *(Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)*

13

Permanent Pits Permit Application Checklist: Subsection B of 19 15 17 9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- [ ] Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19 15 17 9 NMAC
- [ ] Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC
- [ ] Climatological Factors Assessment
- [ ] Certified Engineering Design Plans - based upon the appropriate requirements of 19 15 17 11 NMAC
- [ ] Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19 15 17 11 NMAC
- [ ] Leak Detection Design - based upon the appropriate requirements of 19 15 17 11 NMAC
- [ ] Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19 15 17 11 NMAC
- [ ] Quality Control/Quality Assurance Construction and Installation Plan
- [ ] Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
- [ ] Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19 15 17 11 NMAC
- [ ] Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- [ ] Emergency Response Plan
- [ ] Oil Field Waste Stream Characterization
- [ ] Monitoring and Inspection Plan
- [ ] Erosion Control Plan
- [ ] Closure Plan - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19 15 17 13 NMAC

14

Proposed Closure: 19 15 17 13 NMAC

Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

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

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

15

Waste Excavation and Removal Closure Plan Checklist: (19 15 17 13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- [ ] Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC
- [ ] Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
- [ ] Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- [ ] Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
- [ ] Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
- [ ] Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

16
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19 15 17 13 D NMAC)
Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilites are required.

Disposal Facility Name: Envirotech — Disposal Facility Permit Number: NM01-0011

Disposal Facility Name: IEI — Disposal Facility Permit Number: NM01-0010B

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?
☐ Yes (If yes, please provide the information below) ☒ No

Required for impacted areas which will not be used for future service and operations
☐ Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

17
Siting Criteria (regarding on-site closure methods only): 19 15 17 10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells	☒ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells	☒ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) - Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	☐ Yes ☒ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application - NM Office of the State Engineer - iWATERS database, Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality, Written approval obtained from the municipality	☐ Yes ☒ No
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within the area overlying a subsurface mine - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area - Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map	☐ Yes ☒ No
Within a 100-year floodplain - FEMA map	☐ Yes ☒ No

18
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***
☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC
☒ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19 15 17 11 NMAC
☒ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19 15 17 11 NMAC
☒ Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC
☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
☒ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
☒ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

19
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief

Name (Print) Malia Villers Title Permitting Tech

Signature Malia Villers Date January 7, 2011

e-mail address malia_villers@xtoenergy com Telephone (505) 333-3100

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

OCD Representative Signature: Approval Date: 5/14/2012 3/26/12

Title: Compliance Officer **OCD Permit Number:**

21
Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ **Closure Completion Date:** 4/25/12

22
Closure Method:

☐ Waste Excavation and Removal ☒ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain

23
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:

Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name _____ Disposal Facility Permit Number _____

Disposal Facility Name _____ Disposal Facility Permit Number _____

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations

☐ Site Reclamation (Photo Documentation)

☐ Soil Backfilling and Cover Installation

☐ Re-vegetation Application Rates and Seeding Technique

24
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

☒ Proof of Closure Notice (surface owner and division)

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

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

☐ Confirmation Sampling Analytical Results (if applicable)

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

☒ Disposal Facility Name and Permit Number

☒ Soil Backfilling and Cover Installation

☒ Re-vegetation Application Rates and Seeding Technique

☒ Site Reclamation (Photo Documentation)

On-site Closure Location Latitude 36.52912 Longitude -107.47063 NAD ☐1927 ☒1983

25
Operator Closure Certification:

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

Name (Print) Logan Hixon Title EH&S Technician

Signature Logan Hixon Date 5/7/12

e-mail address Logan_Hixon@XToenergy.com Telephone (505) 333-3683

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company XTO Energy, Inc.	Contact: Logan Hixon
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683
Facility Name: Breech F #133 (30-039-31011)	Facility Type. Gas Well (Dakota, Mesaverde, Mancos)

Surface Owner: Federal	Mineral Owner.	Lease No · NMNM-03547

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	33	27N	6W	1955	FSL	1980	FEL	Rio Arriba

Latitude: 36.52934 **Longitude:** -107.47058

NATURE OF RELEASE

Type of Release None	Volume of Release NA	Volume Recovered NA
Source of Release None	Date and Hour of Occurrence NA	Date and Hour of Discovery NA
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully *

Describe Cause of Problem and Remedial Action Taken *
The drill pit at the Breech F #133 was closed on April 25, 2012 A composite sample was collected from the pit pre-stabilization on March 16. 2012, and returned results below the 0 2 ppm benzene standard, the 500 ppm DRO/GRO standard, the 50 ppm total BTEX standard, the 500 ppm total chloride standard and the 2.500 ppm TPH standard The contents of the drill pit were stabilized and buried in place Applicable analytical results are included with this report

Describe Area Affected and Cleanup Action Taken *
No release has occurred 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 Logan Hixon	OIL CONSERVATION DIVISION Approved by District Supervisor	
Printed Name Logan Hixon		
Title EH&S Technician	Approval Date·	Expiration Date
E-mail Address Logan_Hixon@xtoenergy com	Conditions of Approval	Attached ☐
Date· 5/7/17 Phone: 505-333-3683		

* Attach Additional Sheets If Necessary

XTO Energy Inc.
San Juan Basin
Closure Report

Lease Name: Breech F #133
API No.: 30-039-31011
Description: Unit J, Section 33, Township 27N, Range 6W, Rio Arriba County, NM

In accordance with Rule 19 15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144

- Proof of Closure Notice
- Proof of Deed Notice (Not Required)
- Plot Plan
- C-105
- Sampling Results
- Details on Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique
- Site Reclamation Photos (Including Steel Marker)

1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division-approved facility or recycled, reused, or reclaimed in a manner that the Aztec Division office approves

   Fluids were pulled from the reserve pit on March 21, 2012 through April 11, 2012 and disposed of at Basin Disposal, NM-01-005.

2. The preferred method of closure for all temporary pits will be on-site, in-place burial, assuming that all criteria listed in Subsection (B) of 19.15.17.13 are met.

   On-site, in-place burial plan for this location was approved by the Aztec Division office on January 20, 2011.

3. The surface owner shall be notified of XTO proposed closure plan using a means that provides proof of notice, i.e., Certified Mail, return receipt requested

   The surface owner was notified of on-site burial by email, January 6, 2011 (attached), and by email on April 17, 2012 (attached). Email notification was authorized to government agencies by Brandon Powell, NMOCD Aztec Office.

4. Within 6 months of Rig Off status occurring, XTO will ensure that temporary pits are closed, re-contoured, and reseeded.

   Rig moved off location February 15, 2012. Pit closed April 25, 2012.

5 Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following

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

   Notification was sent to the Aztec Office of the OCD on April 17, 21012 (attached), Closure activities began on April 19, 2012.

6. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve appropriate solidification The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

   Pit contents were mixed with non-waste containing, earthen material in order to achieve

appropriate solidification. The solidification process was accomplished using a combination of natural drying and mechanically mixing using a dozer and track-hoe. Pit contents were mixed with non-waste, earthen material to a consistency that was deemed safe and stable. The mixing ratio did not exceed 3 parts clean soil to 1 part pit contents.

7. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

   Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).

8. A five point composite sample will be taken using sampling tools and all samples tested per Subsection B of 19 15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17 13 i e. dig and haul. Disposal facilities to be utilized should this method be required will be Envirotech, Permit No. NM01-0011 or IEI, Permit No. NM01-0010B

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

Components	Test Method	Limit (mg/Kg)	Results (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0 2	**0.023**
BTEX	EPA SW-846 8021B or 8260B	50	**0.2124**
TPH	EPA SW-846 418.1	2500	**636**
GRO/DRO	EPA SW-846 8015M	500	**480**
Chlorides	EPA 300.1	500 or background	**200**

9. Upon completion of solidification and testing, the pit area will be backfilled with compacted, non-waste containing earthen material A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater

   Upon completion of solidification and testing, the pit area was backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover was achieved and the cover included one foot of background topsoil suitable for establishing vegetation at the site or natural levels, whichever was greater. Backfill and cover were placed to match existing grade.

10 Re-contouring of the location will match fit, shape, line, form and texture of the surrounding area. Re-shaping will include drainage control, ponding prevention, and erosion prevention. 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 a smooth surface, fitting the natural landscape

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

11. Notification will be sent to OCD when the reclaimed area is seeded

    A C-103 is attached to this report. The site has been re-seeded using the BLM +10 seed mixture on April 25, 2012.

12. XTO shall seed the disturbed areas the first growing season after the pit is closed. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM of 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

Notification via C-103 will be sent to OCD when the reclaimed area successfully achieves re-vegetation for two successive growing seasons.

13. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the on-site burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time all wells on the pad are abandoned. The operator's information will include the following· Operator's Name, Lease Name, Well Name and Number, Unit Number, Section, Township, Range and an indicator that the marker is an on-site burial location

    The temporary pit was located with a steel marker cemented in a hole three feet deep in the center of the onsite burial. The marker includes the operator's information. The marker was set in a way to not impede reclamation activities. The operator's information includes the following: XTO Energy Inc., Breech F #133 Unit J, Sec 33, Township 27N, Range 6W, Rio Arriba Co, NM "In Place Burial".

14. XTO shall file a deed notice identifying the exact location of the on-site burial with the county clerk in the county where the on-site burial occurs

    Not required on state, federal, or tribal land according to FAQ dated October 30, 2008 and posted on the OCD website.

Submit To Appropriate District Office
Two Copies
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd , 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-105
July 17, 2008

1. WELL API NO.
30-039-31011

2 Type of Lease
☐ STATE ☐ FEE ☐ FED/INDIAN

3 State Oil & Gas Lease No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4 Reason for filing

☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☒ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)

5 Lease Name or Unit Agreement Name
Breech F

6 Well Number
133

7 Type of Completion
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8 Name of Operator
XTO Energy, Inc.

9 OGRID
5380

10 Address of Operator
382 County Road 3100
Aztec, New Mexico 87410
505-333-3100

11 Pool name or Wildcat

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										

13 Date Spudded	14 Date T D Reached	15 Date Rig Released	16 Date Completed (Ready to Produce)	17 Elevations (DF and RKB, RT, GR, etc)
		February 15, 2012		

18 Total Measured Depth of Well	19 Plug Back Measured Depth	20 Was Directional Survey Made?	21 Type Electric and Other Logs Run

22 Producing Interval(s), of this completion - Top, Bottom, Name

23 **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB /FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24 LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25 TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26 Perforation record (interval, size, and number)

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28 **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio

Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - *(Corr)*

29 Disposition of Gas *(Sold, used for fuel, vented, etc)*

30 Test Witnessed By

31 List Attachments

32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit **attached**

33 If an on-site burial was used at the well, report the exact location of the on-site burial
Latitude **36.52912** Longitude **-107.47063** NAD 1927 **1983**

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief
Signature Logan Hixon Printed Name. **Logan Hixon** Title: EH&S Technician

E-mail Address Logan_Hixon@xtoenergy.com Date: 5/7/12

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 South St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St Francis Dr
Santa Fe, NM 87504-2088

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name

[4] Property Code	[5] Property Name	[6] Well Number
	BREECH F	133

[7] OGRID No	[8] Operator Name	[9] Elevation
	XTO ENERGY INC.	6540'

[10] Surface Location

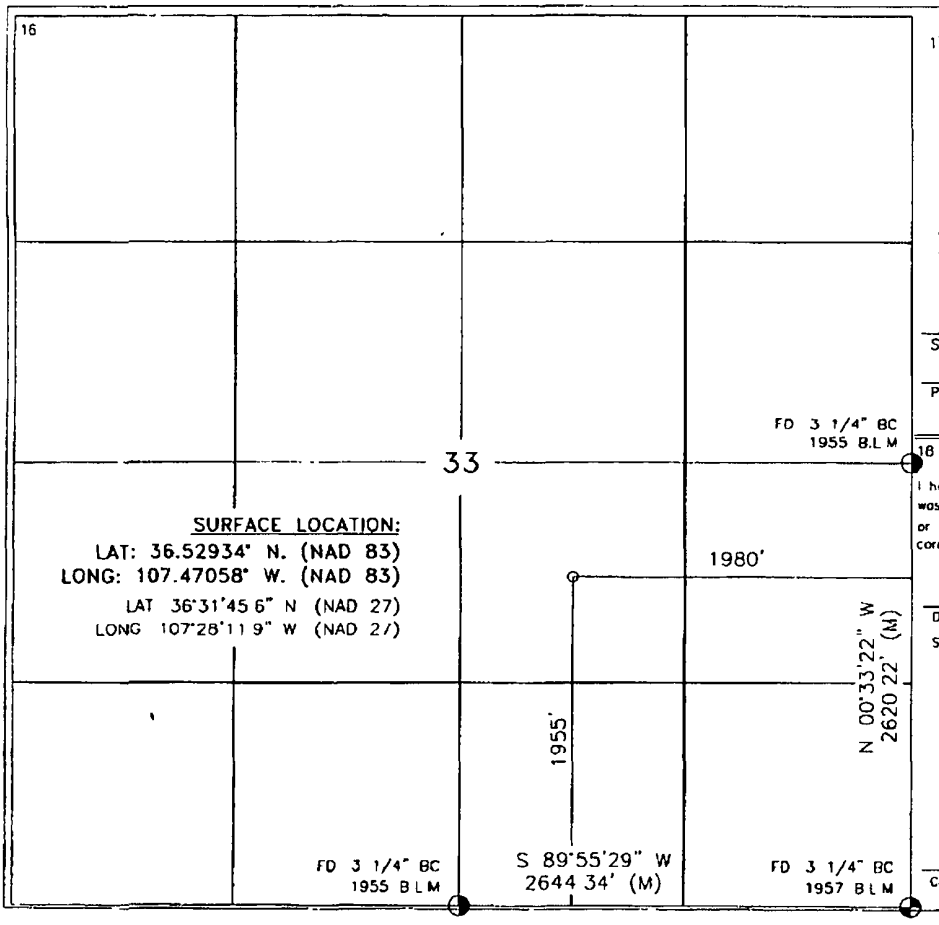
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	33	27-N	6-W		1955	SOUTH	1980	EAST	RIO ARRIBA

[11] Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

Signature Date

Printed Name

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief

JULY 11, 2008
Date of Survey

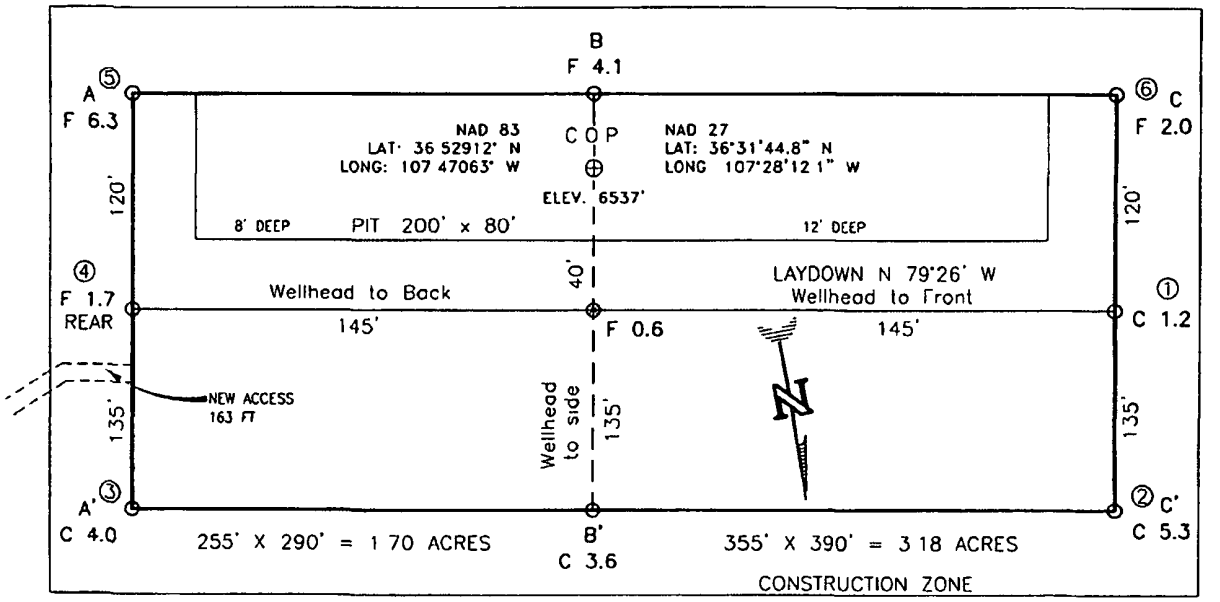
Signature and Seal of Professional Surveyor

ROY A. RUSH
NEW MEXICO
8894
REGISTERED PROFESSIONAL LAND SURVEYOR

8894
Certificate Number

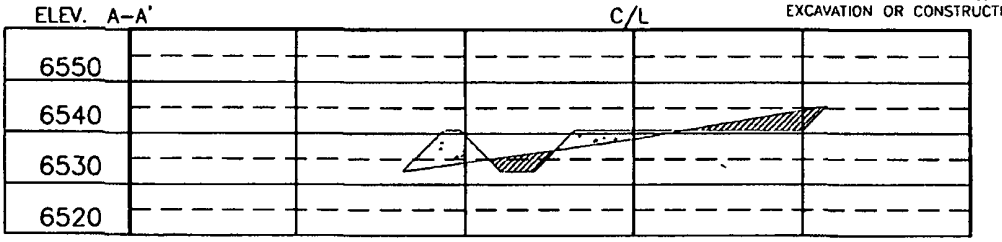
XTO ENERGY INC.
BREECH F No. 133, 1955 FSL 1980 FEL
SECTION 33, T27N, R6W, N.M.P.M., RIO ARRIBA COUNTY, N.M.
GROUND ELEVATION: 6540' DATE: JULY 11, 2008

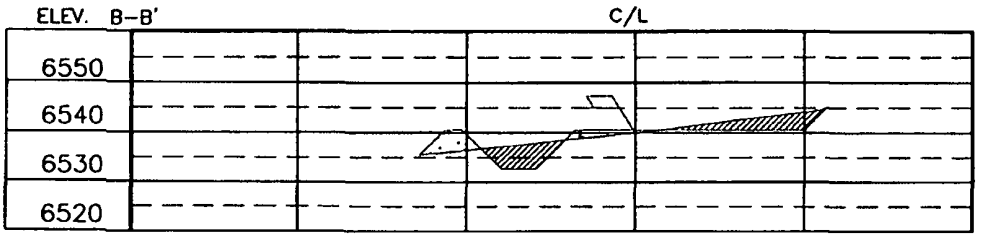
NAD 83
LAT. = 36.52934° N
LONG. = 107.47058° W
NAD 27
LAT = 36°31'45.6" N
LONG = 107°28'11.9" W

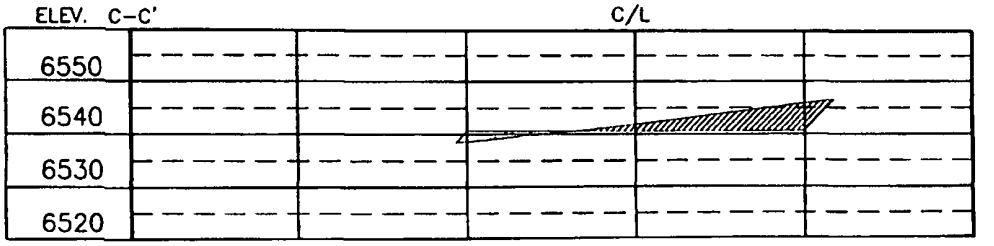


RESERVE PIT DIKE TO BE 8' ABOVE DEEP SIDE (OVERFLOW – 3' WIDE AND 1' ABOVE SHALLOW SIDE)
BLOW PIT OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE DAGGETT ENTERPRISES, INC IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION







NOTE CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION

Daggett Enterprises, Inc.
Surveying and Oil Field Services
P O Box 510 -Farmington, NM 87499
Phone (505) 326-1772 - Fax (505) 326-6019
NEW MEXICO L S No 8894

REVISION | DATE | REVISED BY | DRAWN BY B K | APP'D CR1037 | CADFILE CR1037_CP8 | DATE 08/07/08

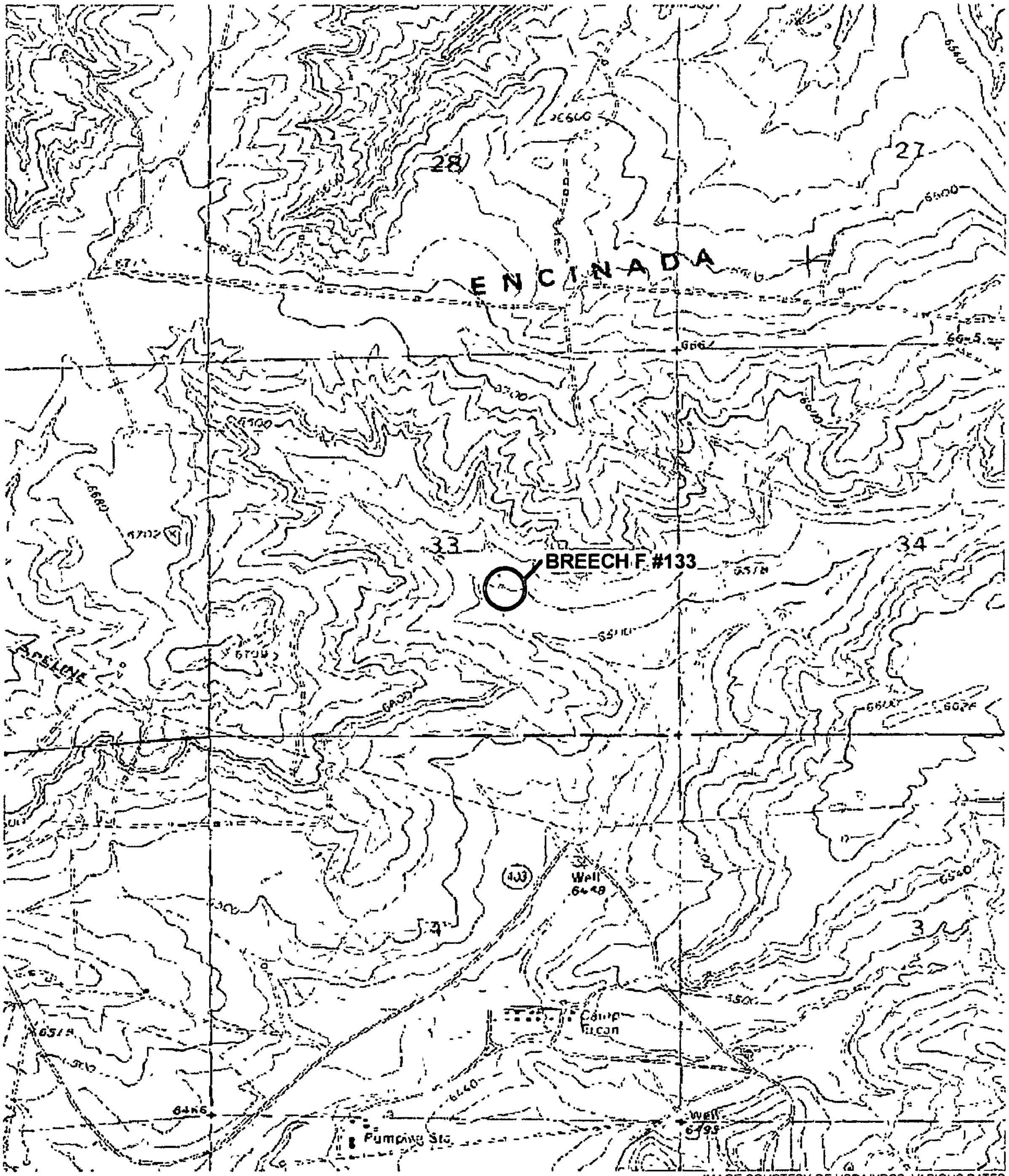


IMAGE COURTESY OF USDA/NRCS, VARIOUS DATES

0 2,000 4,000
Feet

N

LEGEND

SITE LOCATION

FIGURE 1
TOPOGRAPHIC MAP
BREECH F #133
SEC 33 T27N R6W
RIO ARRIBA COUNTY, NEW MEXICO
XTO ENERGY, INC.

P \XTO Energy\GIS\MXD\XTO1006 PIT PERMIT NM\PIT PERMIT MAPBOOK FIG01 TOPO mxd

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I D. 62-0814289

Est. 1970

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

Report Summary

Wednesday April 18, 2012

Report Number: L570221
Samples Received: 04/17/12
Client Project:

Description: Breech F 133

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

Entire Report Reviewed By: Daphne R Richards

Daphne Richards , ESC Representative

Laboratory Certification Numbers

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

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

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Est. 1970

REPORT OF ANALYSIS

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

April 18,2012

ESC Sample # : L570221-01

Date Received : April 17, 2012
Description : Breech F 133

Site ID :

Sample ID : DRILL PIT

Project # :

Collected By : Joshua Kirchner
Collection Date : 04/16/12 10:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	200	12.	mg/kg	9056	04/17/12	1
Total Solids	86.5	0.100	%	2540G	04/18/12	1
Benzene	0.023	0.0029	mg/kg	8021/8015	04/17/12	5
Toluene	0.086	0.029	mg/kg	8021/8015	04/17/12	5
Ethylbenzene	0.0098	0.0029	mg/kg	8021/8015	04/17/12	5
Total Xylene	0.094	0.0087	mg/kg	8021/8015	04/17/12	5
TPH (GC/FID) Low Fraction	BDL	0.58	mg/kg	GRO	04/17/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	102.		% Rec.	8021/8015	04/17/12	5
a,a,a-Trifluorotoluene(PID)	107.		% Rec.	8021/8015	04/17/12	5
TPH (GC/FID) High Fraction	480	92.	mg/kg	3546/DRO	04/18/12	20
Surrogate recovery(%)						
o-Terphenyl	95.4		% Rec.	3546/DRO	04/18/12	20

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

The reported analytical results relate only to the sample submitted
Reported: 04/18/12 15:13 Printed: 04/18/12 15:13

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L570221-01	WG588159	SAMP	o-Terphenyl	R2127433	J7

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
04/18/12 at 15:13:21

TSR Signing Reports: 288
R5 - Desired TAT

Sample: L570221-01 Account: XTORNM Received: 04/17/12 09:00 Due Date: 04/24/12 00:00 RPT Date: 04/18/12 15:13

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XTO Energy - San Juan Division
James McDaniel
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L570221

April 18, 2012

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Chloride	< 10	mg/kg			WG588071	04/17/12 12:11
TPH (GC/FID) High Fraction	< 4	ppm			WG588159	04/18/12 08:35
o-Terphenyl		% Rec.	72.96	50-150	WG588159	04/18/12 08:35
Benzene	< .0005	mg/kg			WG587956	04/17/12 15.38
Ethylbenzene	< .0005	mg/kg			WG587956	04/17/12 15:38
Toluene	< .005	mg/kg			WG587956	04/17/12 15 38
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG587956	04/17/12 15:38
Total Xylene	< .0015	mg/kg			WG587956	04/17/12 15:38
a,a,a-Trifluorotoluene(FID)		% Rec.	102.4	59-128	WG587956	04/17/12 15:38
a,a,a-Trifluorotoluene(PID)		% Rec.	109.4	54-144	WG587956	04/17/12 15:38
Total Solids	< 1	%			WG588088	04/18/12 09:26

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	97.0	99.0	2.35	20	L570216-01	WG588071
Total Solids	%	20.0	20.2	1.48	5	L570303-01	WG588088

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Chloride	mg/kg	200	210.	105.	80-120	WG588071
TPH (GC/FID) High Fraction	ppm	60	42.5	70.8	50-150	WG588159
o-Terphenyl				75.08	50-150	WG588159
Benzene	mg/kg	.05	0.0475	95.0	76-113	WG587956
Ethylbenzene	mg/kg	.05	0.0480	96 1	78-115	WG587956
Toluene	mg/kg	05	0.0489	97 8	76-114	WG587956
Total Xylene	mg/kg	.15	0 146	97.2	81-118	WG587956
a,a,a-Trifluorotoluene(PID)				109.4	54-144	WG587956
TPH (GC/FID) Low Fraction	mg/kg	5.5	6.91	126.	67-135	WG587956
a,a,a-Trifluorotoluene(FID)				109.4	59-128	WG587956
Total Solids	%	50	50 0	99.9	85-115	WG588088

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Chloride	mg/kg	204.	210.	102.	80-120	2.90	20	WG588071
TPH (GC/FID) High Fraction	ppm	40.6	42.5	68 0	50-150	4.48	25	WG588159
o-Terphenyl				69.27	50-150			WG588159
Benzene	mg/kg	0 0478	0.0475	96.0	76-113	0.720	20	WG587956
Ethylbenzene	mg/kg	0.0484	0.0480	97.0	78-115	0.650	20	WG587956

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

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Est. 1970

XTO Energy - San Juan Division
James McDaniel
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L570221

April 18, 2012

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Toluene	mg/kg	0.0484	0.0489	97.0	76-114	1.05	20	WG587956
Total Xylene	mg/kg	0.148	0.146	98.0	81-118	1 19	20	WG587956
a,a,a-Trifluorotoluene(PID)				108.9	54-144			WG587956
TPH (GC/FID) Low Fraction	mg/kg	7.04	6.91	128	67-135	1.91	20	WG587956
a,a,a-Trifluorotoluene(FID)				109 7	59-128			WG587956

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Chloride	mg/kg	504.	110	500	78.8*	80-120	L570048-01	WG588071
Benzene	mg/kg	0 223	0.0200	.05	81.4	32-137	L570221-01	WG587956
Ethylbenzene	mg/kg	0 199	0 00850	.05	76 3	10-150	L570221-01	WG587956
Toluene	mg/kg	0 252	0.0740	.05	71 3	20-142	L570221-01	WG587956
Total Xylene	mg/kg	0 641	0 0810	.15	74.7	16-141	L570221-01	WG587956
a,a,a-Trifluorotoluene(PID)					107.6	54-144		WG587956
TPH (GC/FID) Low Fraction	mg/kg	22 7	0	5.5	82 6	55-109	L570221-01	WG587956
a,a,a-Trifluorotoluene(FID)					104.9	59-128		WG587956

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	533	504.	84.6	80-120	5.59	20	L570048-01	WG588071
Benzene	mg/kg	0.220	0.223	80.1	32-137	1.41	39	L570221-01	WG587956
Ethylbenzene	mg/kg	0.179	0.199	68.2	10-150	10.7	44	L570221-01	WG587956
Toluene	mg/kg	0.243	0.252	67.7	20-142	3.63	42	L570221-01	WG587956
Total Xylene	mg/kg	0.576	0.641	66.0	16-141	10.7	46	L570221-01	WG587956
a,a,a-Trifluorotoluene(PID)				107.7	54-144				WG587956
TPH (GC/FID) Low Fraction	mg/kg	24.1	22 7	87.5	55-109	5.74	20	L570221-01	WG587956
a,a,a-Trifluorotoluene(FID)				105.8	59-128				WG587956

Batch number /Run number / Sample number cross reference

WG588071: R2126913. L570221-01
WG588159: R2127433: L570221-01
WG587956: R2127693: L570221-01
WG588088: R2128114: L570221-01

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

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Tax I.D 62-0814289

Est 1970

XTO Energy - San Juan Division
James McDaniel
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L570221

April 18, 2012

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

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

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

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

Company Name/Address

XTO ENERGY, INC.

382 County Road 3100
AZTEC, NM 87410

Alternate Billing

Report to James McDaniel

E-mail to james_mcdaniel@xtoenergy com

Analysis/Container/Preservativ

A085

Chain of Custody
Page___of___

Prepared by

ENVIRONMENTAL SCIENCE CORP

12065 Lebanon Road

Mt. Juliet TN 37122

Phone (615)758-5858
Phone (800) 767-5859
FAX (615)758-5859

Project Description: BREECH F # 133

City/State Collected:

PHONE 505-333-3701

FAX

Client Project No.:

Lab Project #:

Collected by Joshua Kirchner

Site/Facility ID#:

P O #:

CoCode (lab use only): XTORNM

Template/Prelogin:

Shipped Via: Fed Ex

Collected by(signature)

Packed on Ice N___ Y✓

Rush? (Lab MUST be Notified)
_____Next Day 100%
_____Two Day 50%
_____Three Day 25%

Date Results Needed:

Email?___No_X_Yes
FAX?___No___Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No of Cntrs	TPH 8015	BTEX 8021	Chloride	TCLP Metals			Remarks/contaminant	Sample # (lab only)
DRILL PIT	COMP			4-16-12	1030	1	✓	✓	✓					L570221-01

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

pH_____ Temp_____

Remarks "ONLY 1 COC Per Site!!" **please CC results to joshua@nelsonreveg.com** 4341981 3799

Relinquisher by (Signature)	Date	Time	Received by (Signature)	Samples returned via FedEx_X_ UPS__Other	Condition	(lab use only)
	4-16-12	1500			OK	
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp: 3.2°	Bottles Received: 14	
Relinquisher by (Signature)	Date	Time	Received for lab by: (Signature)	Date: 4-17-12	Time: 0900	pH Checked: NCF:

envirotech
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	XTO	Project #:	98031-0528
Sample ID:	Drill Pit	Date Reported:	04-24-12
Laboratory Number:	61733	Date Sampled:	04-16-12
Chain of Custody No:	13822	Date Received:	04-16-12
Sample Matrix:	Soil	Date Extracted:	04-17-12
Preservative:	Cool	Date Analyzed:	04-17-12
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**636**	**7.4**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Breech F #133**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (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

envirotech
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	04-17-12
Laboratory Number:	04-17-TPH.QA/QC 61676	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	04-17-12
Preservative:	N/A	Date Extracted:	04-17-12
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	01-17-12	04-17-12	1,850	1,720	7.01%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	7.4

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	185	177	4.00%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	185	2,000	2,590	119%	80 - 120%

ND = Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for Samples 61676-61679, 61728-61729, 61733-61734, 61736-61737.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (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

13822

CHAIN OF CUSTODY RECORD

Client: XTO	Project Name / Location: BREECH E #133
Email results to:	Sampler Name: J KIRCHNER
Client Phone No.:	Client No.: 98031-0528

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative Ice	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
DRILL PIT	4-16-12	1030	41733	1 4oz			ICE									✓					Y	Y
														A								

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	4-16-12	1215		4/16/12	1215
Relinquished by: (Signature)			Received by: (Signature)		
Sample Matrix: Soil ☑ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____					

☐ Sample(s) dropped off after hours to secure drop off area.

envirotech
Analytical Laboratory

5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com

Malia Villers/FAR/CTOC
01/06/2011 02:57 PM

To mark_kelly@blm.gov
cc
bcc
Subject Notice - Breech F #133 Well Site

RE. Breech F #133
Sec. 33 (J), T25N-R10W, San Juan County

Dear Mr. Kelly,

This submittal is pursuant to Rule 19 15.17.13 requiring operators to notify surface owners of on site burial of temporary pits. XTO Energy Inc. (XTO) is hereby providing written documentation of our intention to close the temporary pit associated with the aforementioned location by means of in place burial

Should you have any questions or require additional information please feel free to contact me at your earliest convenience (505) 333-3100.

Malia Villers
Permitting Tech.
XTO Energy Inc.
505-333-3100
Direct: 505-333-3698
Cell 505-787-7700
malia_villers@xtoenergy.com

Logan Hixon/FAR/CTOC
04/17/2012 09:46 AM

To MARK KELLY
cc James McDaniel/FAR/CTOC@CTOC, Kurt Hoekstra/FAR/CTOC@CTOC
bcc
Subject Drill Pit Closure Notification-Breech F #133

Mark,

Please accept this email as the required notification for temporary pit closure activities at the following well site:

Breech F #133F (API # 30-039-31011) located in Unit J, Section 33, Township 27N, Range 6W, Rio Arriba County, New Mexico

Closure activities are scheduled to begin next week. Thank you for your time in regards to this matter.

Thank You!
Logan Hixon
Environmental Technician
XTO Energy Inc. An ExxonMobil Subsidiary
Western Division
382 CR 3100
Aztec NM 87410
Office (505)333- 3683
Cell (505) 386-8018
Logan_Hixon@xtoenergy.com

Logan Hixon/FAR/CTOC
04/17/2012 09:44 AM

To BRANDON POWELL
cc Brent Beaty/FAR/CTOC@CTOC, Luke McCollum/FAR/CTOC@CTOC, Scott Baxstrom/FAR/CTOC@CTOC, James
bcc
Subject Drill Pit Closure Notification- Breech F #133

Brandon,
Please accept this email as the required notification for temporary pit closure activities at the following well site:

Breech F #133F (API # 30-039-31011) located in Unit J, Section 33, Township 27N, Range 6W, Rio Arriba County, New Mexico

Closure activities are scheduled to begin next week. Thank you for your time in regards to this matter.

Thank You!
Logan Hixon
Environmental Technician
XTO Energy Inc. An ExxonMobil Subsidiary
Western Division
382 CR 3100
Aztec NM 87410
Office (505)333- 3683
Cell (505) 386-8018
Logan_Hixon@xtoenergy.com

TEMPORARY PIT INSPECTION FORM

Well Name: BREECH F 133 | **API No.:** 30-039-31011

Legals: **Sec:** 33 | **Township:** 27 N | **Range:** 6 W

Inspector's Name	Inspection Date	Any visible liner breeches (Y/N)	Any fluid seeps/ spills (Y/N)	HC's on top of temp. pit (Y/N)	Temp. pit free of misc solid waste/ debris (Y/N)	Discharge line integrity (Y/N)	Fence integrity (Y/N)	Any dead wildlife/stock (Y/N	Freeboard Est. (ft)	
RON COFFEE	1/30/2012	Y	N	N	Y	NA	Y	N	13'	
" in bearsink	1/31/12	N	N	N	Y	NA	Y	N	12'	
"	2-1-12	N	N	N	Y	NA	Y	N	12'	
"	2-2-12	N	N	N	Y	NA	Y	N	12'	
"	2-3-12	N	N	N	Y	NA	Y	N	11'	
"	2-4-12	N	N	N	Y	NA	Y	N	12'	
"	2-5-12	N	N	N	Y	NA	Y	N	12'	
"	2-6-12	N	N	N	Y	NA	Y	N	11'	
RON COFFEE	2/7/12	N	N	N	Y	NA	Y	N	9'	6 Load
	2/8/2012	N	N	N	Y	NA	Y	N	9'	
	2/9/2012	N	N	N	Y	NA	Y	N	9'	
	2/10/2012	N	N	N	Y	NA	Y	N	10'	4 Load
	2/11/2012	N	N	N	Y	NA	Y	N	10'	
	2/12/2012	N	N	N	Y	NA	Y	N	10'	
	2/13/2012	N	N	N	Y	NA	Y	N	11'	
	12/14/2012									

Notes: Provide Detailed Description:

Misc:

TEMPORARY PIT INSPECTION FORM

Well Name: Breech F 133 | **API No.:** 30-039-31011

Legals: **Sec:** 33 J | **Township:** 27 N | **Range:** 6 W

Lat: 36° 31' 46.6" N Long: 107° 29' 11.9" W

Inspector's Name	Inspection Date	Any visible liner breeches (Y/N)	Any fluid seeps/ spills (Y/N)	HC's on top of temp. pit (Y/N)	Temp. pit free of misc solid waste/ debris (Y/N)	Discharge line integrity (Y/N)	Fence integrity (Y/N)	Any dead wildlife/stock (Y/N)	Freeboard Est. (ft)
Luke McCollum	2/22/2012	N	N	N	Y	NA	Y	N	98
Luke McCollum	2/28/2012	N	N	N	Y	NA	Y	N	8
Luke McCollum	3/6/2012	N	N	N	Y	NA	Y	N	8
Luke McCollum	3/15/2012	N	N	N	Y	NA	Y	N	10
Luke McCollum	3/20/2012	N	N	N	Y	NA	Y	N	10
Brent Beaty	3/27/2012	N	N	N	Y	NA	Y	N	10
Brent Beaty	4/3/2012	N	N	N	Y	NA	Y	N	10
Brent Beaty	4/10/2012	N	N	N	Y	NA	Y	N	10
Luke McCollum	4/16/2012	N	N	N	Y	NA	Y	N	10

Notes: Provide Detailed Description:

Misc:

Submit 1 Copy To Appropriate District Office
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , 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-103
October 13, 2009

WELL API NO. **30-039-31011**

5. Indicate Type of Lease STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

7. Lease Name or Unit Agreement Name **Breech F**

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number **133**

2. Name of Operator **XTO Energy, Inc.**

9. OGRID Number **5380**

3. Address of Operator **382 County Road 3100, Aztec, New Mexico 87410**

10. Pool name or Wildcat

4. Well Location
Unit Letter **J** : **1955** feet from the **South** line and **1980** feet from the **East** line
Section **33** Township **27N** Range **6W** NMPM **Rio Arriba** County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* **6540 Feet**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER:	☐			OTHER: **Reseed Drill Pit Area**	☒		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The reclaimed area was reseeded using the BLM +10 Seed Mix on April 25, 2012.

Spud Date: **1/26/2012** Rig Release Date: **2/15/2012**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Logan Hixon TITLE **EH&S Technician** DATE 5/7/12

Type or print name **Logan Hixon** E-mail address: **Logan_Hixon@xtoenergy.com** PHONE: **505-333-3683**

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

XTO Energy, Inc.
Breech F #133
Section 33, Township 27N, Range 6W
Closure Date 4/25/2012

Photo 1: Breech F #133 after Reclamation.

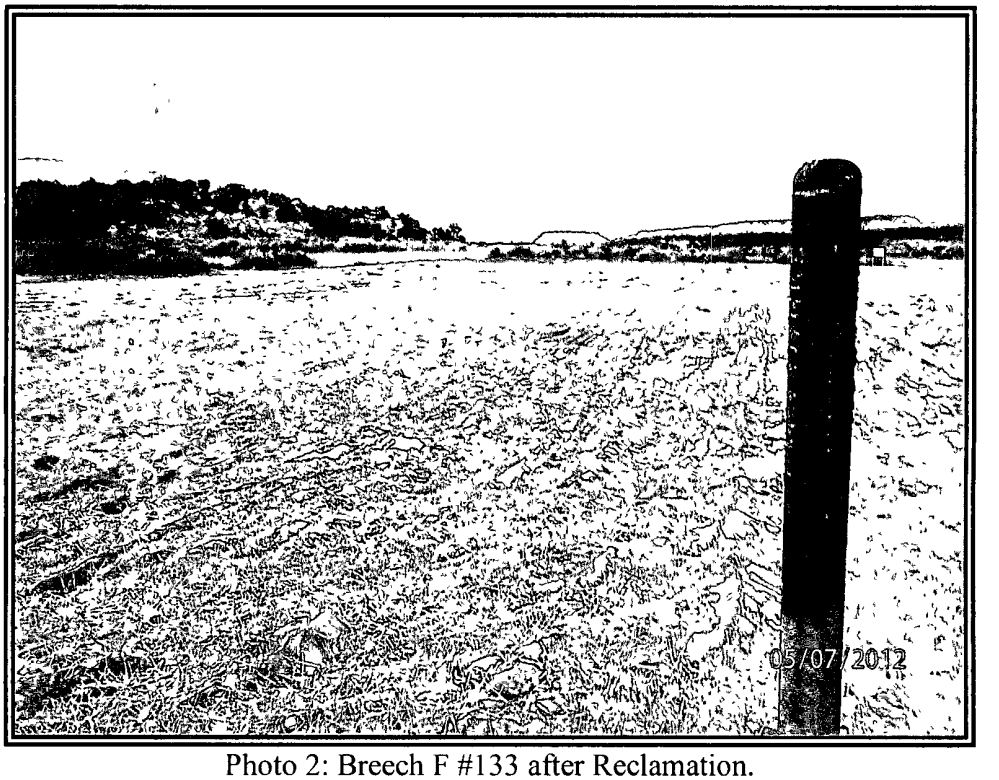

Photo 2: Breech F #133 after Reclamation.

XTO Energy, Inc.
Breech F #133
Section 33, Township 27N, Range 6W
Closure Date 4/25/2012

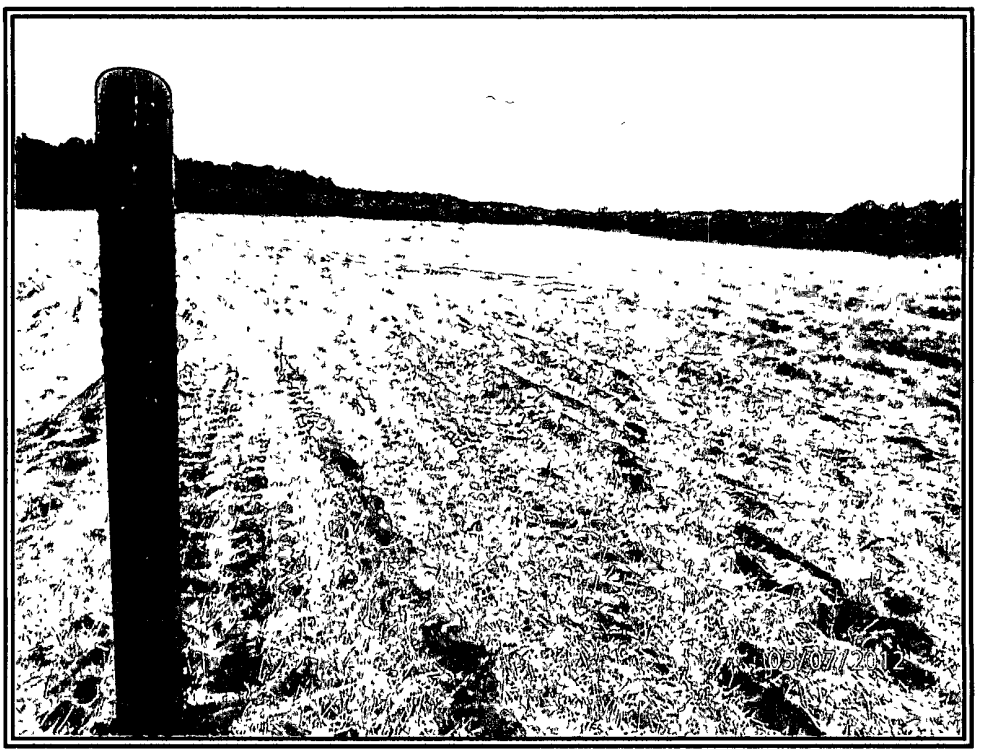

Photo 3: Breech F #133 after Reclamation.

Photo 4: Breech F #133 after Reclamation.