

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

**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 Breach C #120
API Number: 30-039-30651 OCD Permit Number: _____
U/L or Qtr/Qtr N Section 12 Township 26N Range 6W County: Rio Arriba
Center of Proposed Design: Latitude 36 49763 Longitude 107 42039 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 _____

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:**
Submission of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval

6. **Fencing:** Subsection D of 19.15.17.11 NMAC (*Applies to permanent pits, temporary pits, and below-grade tanks*)

- ☐ Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)
- ☒ Four foot height, four strands of barbed wire evenly spaced between one and four feet
- ☐ Alternate Please specify _____

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

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

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

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

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

☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☒ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____
☐ Previously Approved Operating and Maintenance Plan API Number _____ (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

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

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

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

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

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

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

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

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19 15 17.13 D NMAC)
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

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

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: 1/21/2011

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

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

OCD Representative Signature: [Signature] Approval Date: 5/1/2012

Title: Enviro/spec OCD Permit Number: [Blank]

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: 4/16/12

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Closure Method:
☐ Waste Excavation and Removal ☒ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)
☐ If different from approved plan, please explain.

23.
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:
Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?
☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations
☐ Site Reclamation (Photo Documentation)
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique

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

☒ Proof of Closure Notice (surface owner and division)
☐ Proof of Deed Notice (required for on-site closure)
☒ Plot Plan (for on-site closures and temporary pits)
☐ Confirmation Sampling Analytical Results (if applicable)
☒ Waste Material Sampling Analytical Results (required for on-site closure)
☒ Disposal Facility Name and Permit Number
☒ Soil Backfilling and Cover Installation
☒ Re-vegetation Application Rates and Seeding Technique
☒ Site Reclamation (Photo Documentation)

On-site Closure Location Latitude 36.49875 Longitude -107.42036 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 EHS Technician

Signature Logan Hixon Date: 5/8/2012

e-mail address: Logan.Hixon@xtoenergy.com Telephone: (505) 333-3683

District I
1625 N French Dr, Hobbs, NM 88240
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1301 W Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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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 C #120 (30-039-30651)	Facility Type: Gas Well (Dakota, Mesaverde, Mancos)

Surface Owner: Federal	Mineral Owner:	Lease No.: NMNM-03554
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LOCATION OF RELEASE

Unit Letter N	Section 12	Township 26N	Range 6W	Feet from the 1180	North/South Line FSL	Feet from the 2255	East/West Line FWL	County Rio Arriba
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Latitude: 36.49763 Longitude: -107.42039

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? <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 drill pit at the Breech C #120 was closed on April 16, 2012. A composite sample was collected from the pit pre-stabilization on March 14, 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.

OIL CONSERVATION DIVISION

Signature: <i>Logan Hixon</i>	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 <input type="checkbox"/>
Date: <u>5/8/12</u>	Phone: 505-333-3683	

* Attach Additional Sheets If Necessary

XTO Energy Inc. San Juan Basin Closure Report

Lease Name: Breech C #120

API No.: 30-039-30651

Description: Unit N, Section 12, Township 26N, 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 February 13, 2012 through March 23, 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 28, 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 21, 2011 (attached), and by email on April 4, 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 December 10, 2011. Pit closed April 16, 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 4, 2012 (attached), Closure activities began on April 10, 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 19.15.17.13(B)(1)(b). (Sample results attached).

Components	Test Method	Limit (mg/Kg)	Results (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2	0.020
BTEX	EPA SW-846 8021B or 8260B	50	0.2430
TPH	EPA SW-846 418.1	2500	208
GRO/DRO	EPA SW-846 8015M	500	96.95
Chlorides	EPA 300.1	500 or background	220

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 23, 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 C #120 Unit N, Sec 12, Township 26N, 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. 30-039-30651							
			2 Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN							
			3 State Oil & Gas Lease No							
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4 Reason for filing <input type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> 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 Breesh C				
						6 Well Number 120				
7 Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> 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 December 10, 2011			16 Date Completed (Ready to Produce)		17 Elevations (DF and RKB, RT, GR, etc)		
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						25 TUBING RECORD				
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN	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 (<i>Flowing, gas lift, pumping - Size and type pump</i>)					Well Status (<i>Prod or Shut-in</i>)			
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 - (<i>Corr</i>)				
29 Disposition of Gas (<i>Sold, used for fuel, vented, etc</i>)								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 36.49785 Longitude -107.42036 NAD 1927 1983										
<i>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</i> Signature <u><i>Logan Hixon</i></u> Printed Name: Logan Hixon Title: EH&S Technician										
E-mail Address <u>Logan.Hixon@xtoenergy.com</u>						Date: <u>5/8/12</u>				

DISTRICT I
1625 N. Fench Dr. Hobbs, N.M. 88240

DISTRICT II
1301 W Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd. Aztec, N.M. 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 BREECH C		⁶ Well Number 120
⁷ OCRID No.	⁸ Operator Name XTO ENERGY INC		⁹ Elevation 6619'

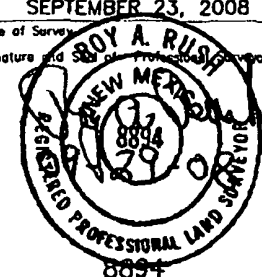
¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
N	12	26-N	6-W		1180	SOUTH	2255	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot 1dn	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

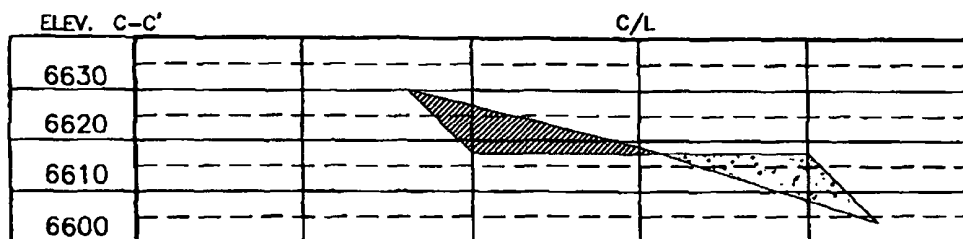
¹⁶		¹⁷ OPERATOR CERTIFICATION	
<p>FD. 3 1/4" BC. 1957 B.L.M.</p> <p>N 00°18'19" E 2672.02' (M)</p> <p>2255'</p> <p>S 89°32'12" E 2643.68' (M)</p> <p>FD. 3 1/4" BC. 1957 B.L.M.</p>		<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p>	
		<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>SEPTEMBER 23, 2008</p> <p>Date of Survey _____</p> <p>Signature of Surveyor _____</p> <p></p> <p>Certificate Number _____</p>	
		<p><u>SURFACE:</u> LAT: 36.49763° N. (NAD 83) LONG: 107.42039° W. (NAD 83) LAT: 36°29'51.49" N. (NAD 27) LONG: 107°25'13.42" W. (NAD 27)</p>	

NAD 83
LAT. = 36.49763° N
LONG. = 107.42039° W


NAD 27
LAT. = 36°29'51.49" N
LONG. = 107°25'13.42" W

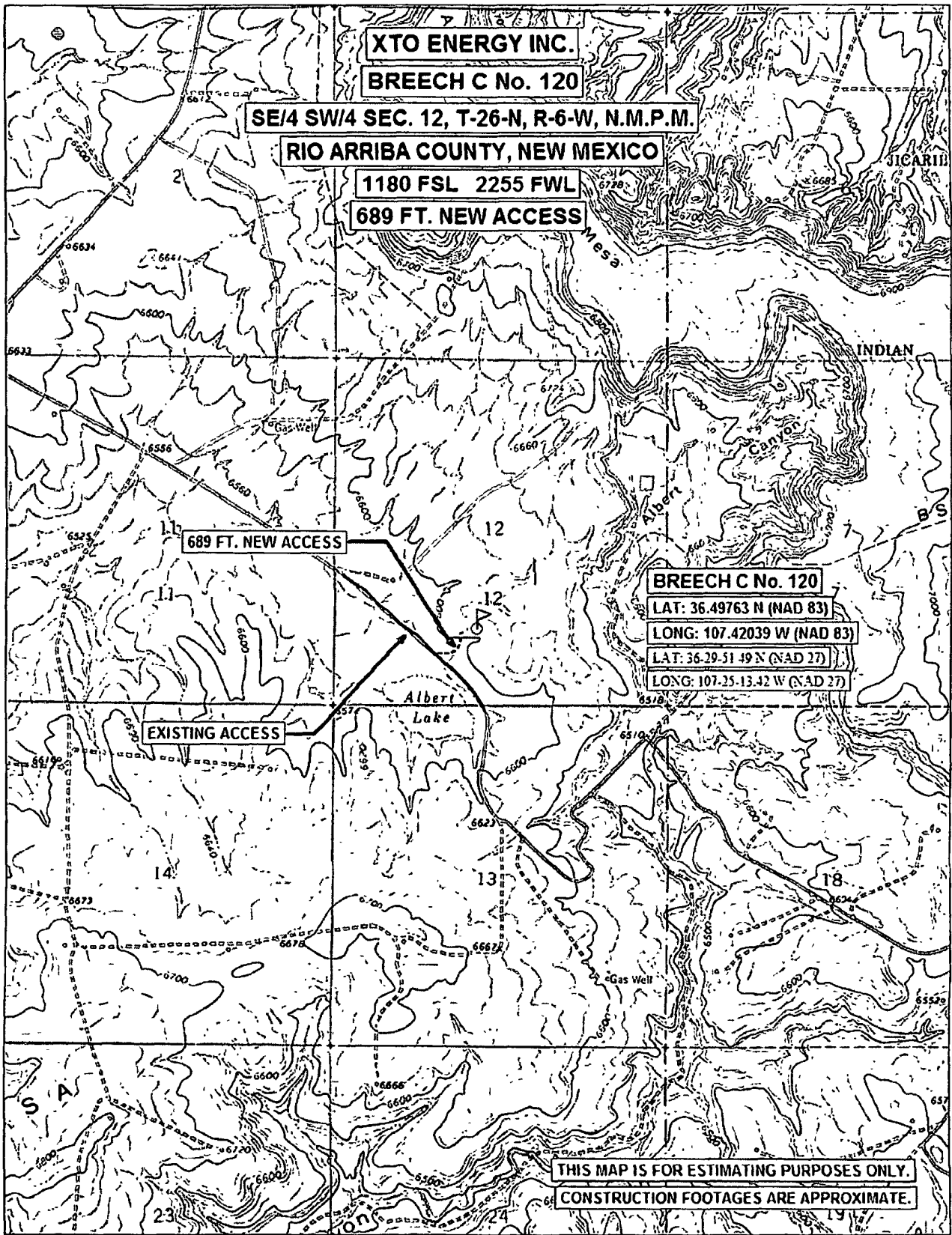


NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.



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.

	<p>Doggett Enterprises, Inc. Surveying and Oil Field Services P. O. Box 510 Farmington, NM 87499 Phone (505) 326-1772 • Fax (505) 326-6019</p>	<p>NEW MEXICO L.S. NO. 8894</p>
<p>REVISION</p>	<p>DATE</p>	<p>REVISED BY</p>
<p>DESIGN BY: B.K. DRAWN BY: J. P. GIBSON</p>	<p>CADFILE: CDR85-CF8</p>	<p>DATE: 09/24/08</p>



10%
10%

0 1000 FEET 0 500 1000 METERS

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

Report Summary

Wednesday March 21, 2012

Report Number: L565194


Samples Received: 03/15/12

Client Project:

Description: Breech C#120

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

Entire Report Reviewed By:



Daphne Richards , ESC Representative

Laboratory Certification Numbers

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

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures 060302, 060303, and 060304.

REPORT OF ANALYSIS

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

March 21, 2012

Date Received : March 15, 2012
Description : Breech C#120
Sample ID : DRILL PIT
Collected By : Joshua Kirchner
Collection Date : 03/14/12 11:40

ESC Sample # : L565194-01

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	220	14.	mg/kg	9056	03/17/12	1
Total Solids	71.4	0.100	%	2540G	03/21/12	1
Benzene	0.020	0.0035	mg/kg	8021/8015	03/16/12	5
Toluene	0.092	0.035	mg/kg	8021/8015	03/16/12	5
Ethylbenzene	0.011	0.0035	mg/kg	8021/8015	03/16/12	5
Total Xylene	0.12	0.010	mg/kg	8021/8015	03/16/12	5
TPH (GC/FID) Low Fraction	0.95	0.70	mg/kg	GRO	03/16/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	97.7		% Rec.	8021/8015	03/16/12	5
a,a,a-Trifluorotoluene(PID)	104.		% Rec.	8021/8015	03/16/12	5
TPH (GC/FID) High Fraction	96.	5.6	mg/kg	3546/DRO	03/20/12	1
Surrogate recovery(%)						
o-Terphenyl	92.1		% Rec.	3546/DRO	03/20/12	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 03/21/12 14:30 Printed: 03/21/12 14:31

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L565194-01	WG583110	SAMP	TPH (GC/FID) Low Fraction	R2078513	J6

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

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 chromatography 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
03/21/12 at 14:31:06

TSR Signing Reports: 288
R5 - Desired TAT

Sample: L565194-01 Account: XTORNM Received: 03/15/12 09:00 Due Date: 03/22/12 00:00 RPT Date: 03/21/12 14:30



YOUR LAB OF CHOICE

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

Aztec, NM 87410

Quality Assurance Report
Level II

L565194

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

March 21, 2012

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzene	< .0005	mg/kg			WG583110	03/16/12 02:16
Ethylbenzene	< .0005	mg/kg			WG583110	03/16/12 02:16
Toluene	< .005	mg/kg			WG583110	03/16/12 02:16
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG583110	03/16/12 02:16
Total Xylene	< .0015	mg/kg			WG583110	03/16/12 02:16
a,a,a-Trifluorotoluene(FID)		% Rec.	98.04	59-128	WG583110	03/16/12 02:16
a,a,a-Trifluorotoluene(PID)		% Rec.	104.2	54-144	WG583110	03/16/12 02:16
TPH (GC/FID) High Fraction	< 4	ppm			WG583114	03/19/12 22:19
o-Terphenyl		% Rec.	105.2	50-150	WG583114	03/19/12 22:19
Chloride	< 10	mg/kg			WG583217	03/17/12 07:44
Total Solids	< .1	%			WG583558	03/21/12 11:28

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
			Duplicate				
Chloride	mg/kg	74.0	74.6	0.134	20	L565243-02	WG583217
Total Solids	%	78.0	76.6	1.25	5	L565195-12	WG583558

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0458	91.6	76-113	WG583110
Ethylbenzene	mg/kg	.05	0.0450	89.9	78-115	WG583110
Toluene	mg/kg	.05	0.0466	93.3	76-114	WG583110
Total Xylene	mg/kg	.15	0.136	90.7	81-118	WG583110
a,a,a-Trifluorotoluene(PID)				103.7	54-144	WG583110
TPH (GC/FID) Low Fraction	mg/kg	5 5	5.82	106.	67-135	WG583110
a,a,a-Trifluorotoluene(FID)				103.4	59-128	WG583110
TPH (GC/FID) High Fraction	ppm	60	44.4	74.1	50-150	WG583114
o-Terphenyl				88.56	50-150	WG583114
Chloride	mg/kg	200	209.	105.	85-115	WG583217
Total Solids	%	50	50.2	100.	85-115	WG583558

Analyte	Units	Laboratory Control Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref %Rec				
Benzene	mg/kg	0.0458	0.0458 92.0	76-113	0.0800	20	WG583110
Ethylbenzene	mg/kg	0.0452	0.0450 90.0	78-115	0.570	20	WG583110
Toluene	mg/kg	0.0459	0.0466 92.0	76-114	1.51	20	WG583110
Total Xylene	mg/kg	0.137	0.136 91.0	81-118	0.790	20	WG583110
a,a,a-Trifluorotoluene(PID)			104.2	54-144			WG583110
TPH (GC/FID) Low Fraction	mg/kg	5.97	5.82 108.	67-135	2.52	20	WG583110
a,a,a-Trifluorotoluene(FID)			103.4	59-128			WG583110

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



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James McDaniel
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Aztec, NM 87410

Quality Assurance Report
Level II

L565194

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(615) 758-5858
1-800-767-5859
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Est. 1970

March 21, 2012

Analyte	Units	Laboratory Control		Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref	%Rec	%Rec				
TPH (GC/FID) High Fraction o-Terphenyl	ppm	52.3	44.4	87.0	105.8	50-150 50-150	16.3	25	WG583114 WG583114
Chloride	mg/kg	209.	209.	104.		85-115	0	20	WG583217

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Benzene	mg/kg	0.189	0.0140	.05	69.8	32-137	L565194-01	WG583110
Ethylbenzene	mg/kg	0.157	0.00760	.05	59.7	10-150	L565194-01	WG583110
Toluene	mg/kg	0.198	0.0660	.05	52.8	20-142	L565194-01	WG583110
Total Xylene	mg/kg	0.502	0.0860	.15	55.4	16-141	L565194-01	WG583110
a,a,a-Trifluorotoluene(PID)					101.4	54-144		WG583110
TPH (GC/FID) Low Fraction	mg/kg	17.2	0.680	5.5	60.2	55-109	L565194-01	WG583110
a,a,a-Trifluorotoluene(FID)					102.2	59-128		WG583110
TPH (GC/FID) High Fraction o-Terphenyl	ppm	66.2	43.0	60	38.6* 59.62	50-150 50-150	L565207-01	WG583114 WG583114

Analyte	Units	Matrix Spike		Duplicate		Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec	%Rec					
Benzene	mg/kg	0.176	0.189	64.7		32-137	7.04	39	L565194-01	WG583110
Ethylbenzene	mg/kg	0.177	0.157	67.7		10-150	12.0	44	L565194-01	WG583110
Toluene	mg/kg	0.190	0.198	49.6		20-142	4.12	42	L565194-01	WG583110
Total Xylene	mg/kg	0.542	0.502	60.8		16-141	7.75	46	L565194-01	WG583110
a,a,a-Trifluorotoluene(PID)				103.2		54-144				WG583110
TPH (GC/FID) Low Fraction	mg/kg	14.5	17.2	50.3*		55-109	17.2	20	L565194-01	WG583110
a,a,a-Trifluorotoluene(FID)				100.6		59-128				WG583110
TPH (GC/FID) High Fraction o-Terphenyl	ppm	106.	66.2	105. 59.98		50-150 50-150	46.1*	25	L565207-01	WG583114 WG583114

Batch number / Run number / Sample number cross reference

WG583110: R2078513 L565194-01
WG583114: R2080575 L565194-01
WG583217: R2081573 L565194-01
WG583558: R2082699 L565194-01

* * 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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March 21, 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.

XTO ENERGY, INC.

382 County Road 3100
AZTEC, NM 87410

Report to James McDaniel

E-mail to james_mcdaniel@xtoenergy.com

Analysis/Container/Preservative

H077

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 C #120

City/State Collected

PHONE 505-333-3701

Client Project No.

Lab Project #

FAX

Collected by Joshua Kirchner

Site/Facility ID#

P O #

Collected by (signature)

[Signature]

Rush?

(Lab MUST be Notified)

___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

No

Email? ___ No ___ Yes

FAX? ___ No ___ Yes

of

Cntrs

Packed on Ice N ___ Y ___

Sample ID

Comp/Grab

Matrix

Depth

Date

Time

DRILL PIT

SOIL

3 HQ

1140

1

TPH 8015

BTEX 8021

Chloride

TCLP Metals

CoCode

(lab use only)

XTORNM

Template/Prelogin

Shipped Via: Fed Ex

Remarks/contaminant

Sample # (lab only)

L565194-01

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

Relinquisher by (Signature)	Date	Time	Received by (Signature)	Samples returned via FedEx_X_UPS_Other	Condition	(lab use only)
<i>[Signature]</i>	3/14/12	1500	<i>[Signature]</i>	43419819 3620		TD
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp	Bottles Received	
<i>[Signature]</i>			<i>[Signature]</i>	3.1°	1-402	
Relinquisher by (Signature)	Date	Time	Received for lab by (Signature)	Date	Time	pH Checked
<i>[Signature]</i>			<i>[Signature]</i>	3/15/12	0700	NGF

Client:	XTO	Project #:	98031-0528
Sample ID:	Drill Pit	Date Reported:	03-15-12
Laboratory Number:	61407	Date Sampled:	03-14-12
Chain of Custody No:	13570	Date Received:	03-14-12
Sample Matrix:	Soil	Date Extracted:	03-14-12
Preservative:	Cool	Date Analyzed:	03-14-12
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons	208	6.9
------------------------------	-----	-----

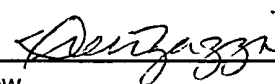
ND = Parameter not detected at the stated detection limit.

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

Comments: Breech C #120



Analyst



Review



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:	03-15-12
Laboratory Number:	03-14-TPH.QA/QC 61376	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	03-14-12
Preservative:	N/A	Date Extracted:	03-14-12
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	03-14-12	1,736	1,720	0.9%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	6.9

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	20.8	24.3	16.8%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	20.8	2,000	1,800	89.1%	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 61376-61380, 61407-61408.


Analyst


Review

13570

can "man reproduction 578.129



Malia Villers/FAR/CTOC

01/21/2011 11:02 AM

To Mark Kelly,

cc

bcc

Subject Breech C #120 Well Site

RE: Breech C #120
Sec. 12 (N), T26N-R6W, Rio Arriba 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
malia_villers@xtoenergy.com



Logan Hixon /FAR/CTOC

04/04/2012 08:23 AM

To BRANDON POWELL

cc Scott Baxstrom/FAR/CTOC@CTOC, Luke
McCollum/FAR/CTOC@CTOC, Brent
Beaty/FAR/CTOC@CTOC, James

bcc

Subject Drill pit closure notification-Breech C #120

Brandon,

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

Breech C #120 (API # 30-039-30651) located in Unit N, Section 12, Township 26N, 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

04/04/2012 08:20 AM

To MARK KELLY

cc Scott Baxstrom/FAR/CTOC@CTOC, Luke
McCollum/FAR/CTOC@CTOC, Brent
Beaty/FAR/CTOC@CTOC, James

bcc

Subject Pit closure notification-Breech C #120

Mark,

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

Breech C #120 (API # 30-039-30651) located in Unit N, Section 12, Township 26N, 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: Breesh 120

API No.: 30-039-06510

Legals:

Sec: 12

Township: 26N

Range: 06W

Inspector's	Inspection	Any visible liner	Any fluid seeps/	HC's on top of	Temp. pit free of misc	Discharge line	Fence	Any dead	Freeboard
Name	Date	breeches (Y/N)	spills (Y/N)	temp. pit (Y/N)	solid waste/ debris (Y/N)	integrity (Y/N)	integrity (Y/N)	wildlife/stock (Y/N)	Est. (ft)
<u>Bruce Loppa</u>	<u>11/16/11</u>	<u>NO</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>NA</u>	<u>Y</u>	<u>NO</u>	<u>8</u>
<u>T. Loppa</u>	<u>11/17/11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>NA</u>	<u>Y</u>	<u>NO</u>	<u>8</u>
<u>" RC</u>	<u>11/24/11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>NA</u>	<u>Y</u>	<u>NO</u>	<u>8</u>
<u>" RC</u>	<u>11/25/11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>NA</u>	<u>Y</u>	<u>NO</u>	<u>8</u>
<u>" RC</u>	<u>11/26/11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>NA</u>	<u>Y</u>	<u>NO</u>	<u>8</u>
<u>" RC</u>	<u>11/27/11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>NA</u>	<u>Y</u>	<u>NO</u>	<u>8</u>
<u>" RC</u>	<u>11/28/11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>NA</u>	<u>Y</u>	<u>NO</u>	<u>8</u>
<u>Ryan Kensing</u>	<u>11-29-11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Yes</u>	<u>N/A</u>	<u>Yes</u>	<u>N/A</u>	<u>8'</u>
<u>11</u>	<u>11-30-11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Yes</u>	<u>N/A</u>	<u>Yes</u>	<u>N/A</u>	<u>5'</u>
<u>11</u>	<u>12-1-11</u>	<u>N</u>	<u>N</u>	<u>N/KRC</u>	<u>Yes</u>	<u>N/A</u>	<u>Yes</u>	<u>N/A</u>	<u>5'</u>
<u>11</u>	<u>12-2-11</u>	<u>N</u>	<u>N</u>	<u>N/KRC</u>	<u>Yes</u>	<u>N/A</u>	<u>Yes</u>	<u>N/A</u>	<u>5'</u>
<u>11</u>	<u>12-3-11</u>	<u>N</u>	<u>N</u>	<u>N/KRC</u>	<u>Yes</u>	<u>N/A</u>	<u>Yes</u>	<u>N/A</u>	<u>6'</u>
<u>RLK</u>	<u>12-4-11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Yes</u>	<u>N/A</u>	<u>Yes</u>	<u>N/A</u>	<u>6'</u>
<u>RLK</u>	<u>12-5-11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Yes</u>	<u>N/A</u>	<u>Yes</u>	<u>N/A</u>	<u>5'</u>
<u>RLK</u>	<u>12-6-11</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>Yes</u>	<u>N/A</u>	<u>Yes</u>	<u>N/A</u>	<u>7'</u>

Notes:

Provide Detailed Description

Misc:

[illegible]

API No.: 30-039-06510

Range:	low
--------	-----

[illegible]

Provide Detailed Description

Misc:

TEMPORARY PIT INSPECTION FORM

Page #2

Well Name: Breech C 120

API No.: 30-039-30651

Legals: Sec: 12 N

Township: 26 N

Range: 6 W

Lat: 36° 29' 51.49"N Long: 107° 25' 13.42"W

Inspector's	Inspection	Any visible liner	Any fluid seeps/	HC's on top of	Temp. pit free of misc	Discharge line	Fence	Any dead	Freeboard
Name	Date	breeches (Y/N)	spills (Y/N)	temp. pit (Y/N)	solid waste/ debris (Y/N)	integrity (Y/N)	integrity (Y/N)	wildlife/stock (Y/N)	Est. (ft)
Luke McCollum	3/6/2012	N	N	N	Y	NA	Y	N	10
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	11
Brent Beaty	4/3/2012	N	N	N	Y	NA	Y	N	11
Brent Beaty	4/10/2012	Closure in progress							

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

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-039-30651

5 Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No

7. Lease Name or Unit Agreement Name

Breech C

8 Well Number **120**

9. OGRID Number **5380**

10. Pool name or Wildcat

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)

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

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

3. Address of Operator

382 County Road 3100, Aztec, New Mexico 87410

4. Well Location

Unit Letter **N** : **1180** feet from the **South** line and **2255** feet from the **West** line
Section 12 Township **26N** Range **6W** NMPM **Rio Arriba** County

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

6619 Feet

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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 23, 2012.

Spud Date:

11/16/2011

Rig Release Date:

12/10/2011

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

5/8/12

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.
Breach C #120
Section 12, Township 26N, Range 6W
Closure Date 4/16/2012



Photo 1: Breach C #120 after Reclamation.

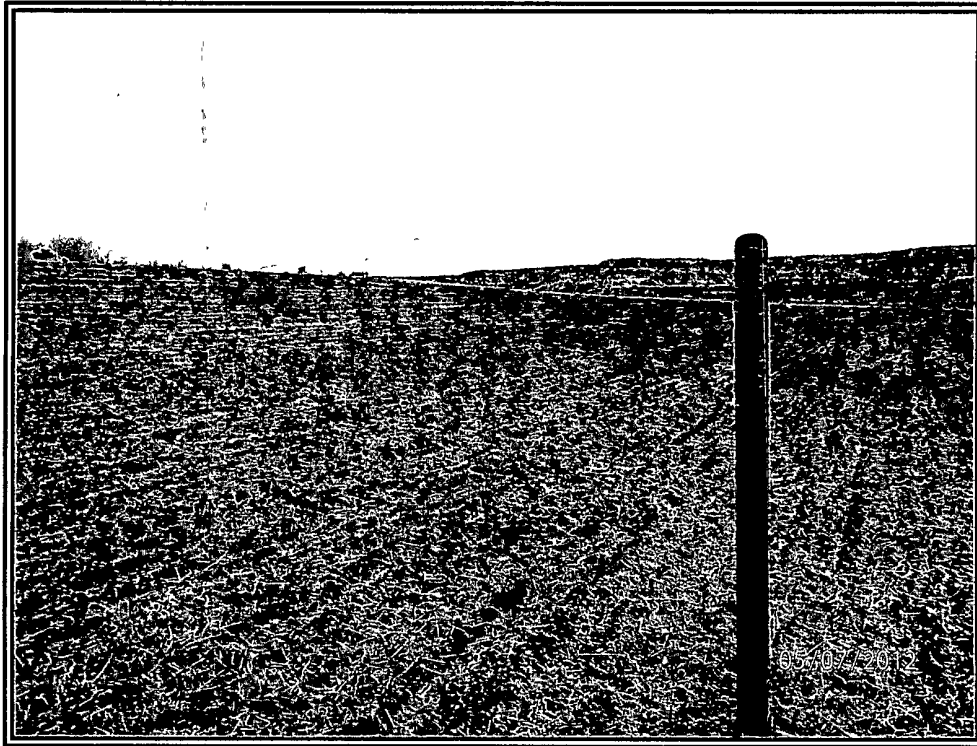


Photo 2: Breach C #120 after Reclamation.

XTO Energy, Inc.
Breach C #120
Section 12, Township 26N, Range 6W
Closure Date 4/16/2012

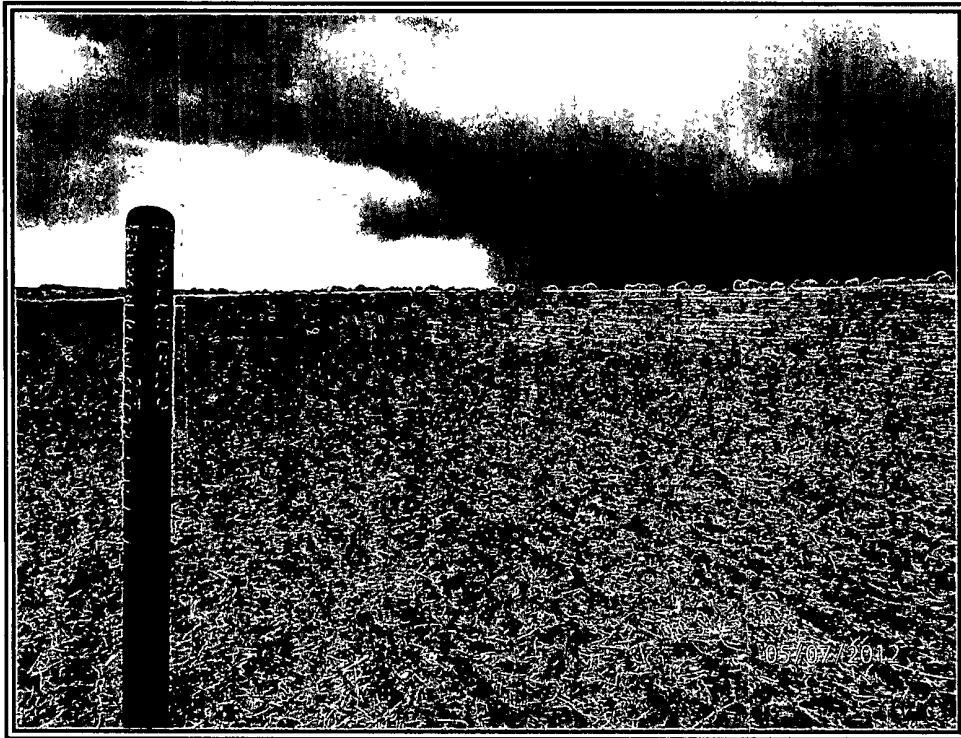


Photo 3: Breach C #120 after Reclamation.

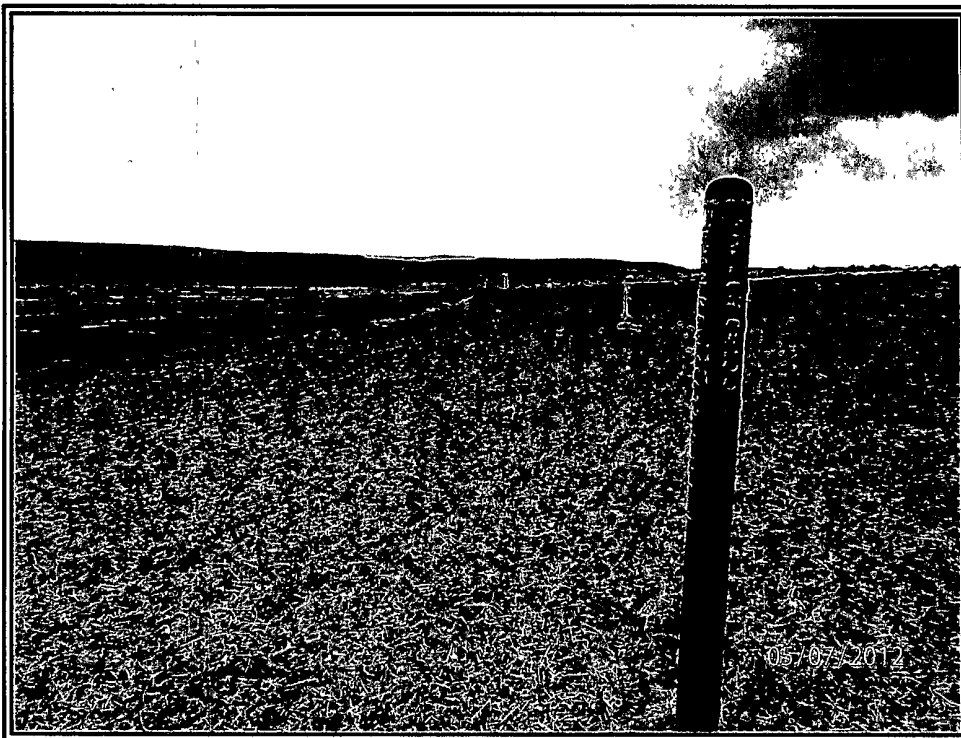


Photo 4: Breach C #120 after Reclamation.