

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

8461
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 #248F
API Number: 30-039-31075 OCD Permit Number: _____
U/L or Qtr/Qtr: B Section: 13 Township: 26N Range: 6W County: Rio Arriba
Center of Proposed Design Latitude: 36 49255 Longitude: 107 41794 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 OCT 26 '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:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

6.	<p>Fencing: Subsection D of 19.15 17 11 NMAC (<i>Applies to permanent pits, temporary pits, and below-grade tanks</i>)</p> <p><input type="checkbox"/> Chain link, six feet in height, two strands of barbed wire at top (<i>Required if located within 1000 feet of a permanent residence, school, hospital, institution or church</i>)</p> <p><input checked="" type="checkbox"/> Four foot height, four strands of barbed wire evenly spaced between one and four feet</p> <p><input type="checkbox"/> Alternate Please specify _____</p>																																								
7	<p>Netting: Subsection E of 19 15 17.11 NMAC (<i>Applies to permanent pits and permanent open top tanks</i>)</p> <p><input type="checkbox"/> Screen <input type="checkbox"/> Netting <input type="checkbox"/> Other _____</p> <p><input type="checkbox"/> Monthly inspections (If netting or screening is not physically feasible)</p>																																								
8	<p>Signs: Subsection C of 19 15 17 11 NMAC</p> <p><input type="checkbox"/> 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers</p> <p><input checked="" type="checkbox"/> Signed in compliance with 19.15 3.103 NMAC</p>																																								
9.	<p>Administrative Approvals and Exceptions:</p> <p>Justifications and/or demonstrations of equivalency are required Please refer to 19 15 17 NMAC for guidance.</p> <p>Please check a box if one or more of the following is requested, if not leave blank:</p> <p><input checked="" type="checkbox"/> 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</p> <p><input type="checkbox"/> Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.</p>																																								
10	<p>Siting Criteria (regarding permitting): 19.15.17.10 NMAC</p> <p>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.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 85%;">Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank</td> <td style="width: 15%; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td>- NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells</td> <td></td> </tr> <tr> <td>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).</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td>- Topographic map, Visual inspection (certification) of the proposed site</td> <td></td> </tr> <tr> <td>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>)</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA </td> </tr> <tr> <td>- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</td> <td></td> </tr> <tr> <td>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>)</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA </td> </tr> <tr> <td>- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</td> <td></td> </tr> <tr> <td>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</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td>- NM Office of the State Engineer - iWATERS database search, Visual inspection (certification) of the proposed site</td> <td></td> </tr> <tr> <td>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</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td>- Written confirmation or verification from the municipality, Written approval obtained from the municipality</td> <td></td> </tr> <tr> <td>Within 500 feet of a wetland.</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td>- US Fish and Wildlife Wetland Identification map, Topographic map; Visual inspection (certification) of the proposed site</td> <td></td> </tr> <tr> <td>Within the area overlying a subsurface mine</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</td> <td></td> </tr> <tr> <td>Within an unstable area</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td>- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society; Topographic map</td> <td></td> </tr> <tr> <td>Within a 100-year floodplain</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td>- FEMA map</td> <td></td> </tr> </table>	Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank	<input type="checkbox"/> Yes <input type="checkbox"/> No	- NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells		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).	<input type="checkbox"/> Yes <input type="checkbox"/> No	- Topographic map, Visual inspection (certification) of the proposed site		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>)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image		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>)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image		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	<input type="checkbox"/> Yes <input type="checkbox"/> No	- NM Office of the State Engineer - iWATERS database search, Visual inspection (certification) of the proposed site		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	<input type="checkbox"/> Yes <input type="checkbox"/> No	- Written confirmation or verification from the municipality, Written approval obtained from the municipality		Within 500 feet of a wetland.	<input type="checkbox"/> Yes <input type="checkbox"/> No	- US Fish and Wildlife Wetland Identification map, Topographic map; Visual inspection (certification) of the proposed site		Within the area overlying a subsurface mine	<input type="checkbox"/> Yes <input type="checkbox"/> No	- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division		Within an unstable area	<input type="checkbox"/> Yes <input type="checkbox"/> No	- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society; Topographic map		Within a 100-year floodplain	<input type="checkbox"/> Yes <input type="checkbox"/> No	- FEMA map	
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Within a 100-year floodplain	<input type="checkbox"/> Yes <input type="checkbox"/> No																																								
- FEMA map																																									

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

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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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste
- NM Office of the State Engineer - iWATERS database search; USGS, Data obtained from nearby wells | <input type="checkbox"/> Yes <input checked="" 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: 6/8/11

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: Jonath D. Kelly Approval Date: 6/15/2011

Title: Compliance Officer OCD Permit Number: _____

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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: 8-29-12

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 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 36.49289 Longitude -107.41778 NAD ☐ 1927 ☒ 1983

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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: 10-25-12

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

District I
1625 N French Dr , Hobbs, NM 88240
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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 #248F (API 30-039-31075)	Facility Type: Gas Well (Dakota, Mesa Verde, Mancos)

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

Unit Letter B	Section 13	Township 26 N	Range 6 W	Feet from the 665	North/South Line FNL	Feet from the 2305	East/West Line FEL	County Rio Arriba
------------------	---------------	------------------	--------------	----------------------	-------------------------	-----------------------	-----------------------	----------------------

Latitude: 36.49255 Longitude: -107.41794

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 #248F was closed on August 29, 2012. A composite sample was collected from the pit pre-stabilization on June 11, 2012, and returned results below the 0.2 ppm benzene standard, the 500 ppm DRO/GRO standard, the 50 ppm total BTEX standard, the 2,500 ppm TPH standard, but over the 500 ppm chloride standard at 880 ppm. After the contents of the drill pit had been stabilized an additional composite sample was collected on August 31, 2012 from the drill pit. The sample was analyzed for chlorides, and returned results below the 500 ppm chloride standard. The contents of the drill pit were buried in place. No further action is required for this pit. 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: 10-25-12	Phone: 505-333-3683		

* Attach Additional Sheets If Necessary

XTO Energy Inc. San Juan Basin Closure Report

Lease Name: Breech C #248F

API No.: 30-039-31075

Description: Unit B, Section 13, 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 April 17, 2012 through July 20, 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 June 15, 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 at time of initial permitting was notified of on-site burial by certified mail on, June 3, 2011 (attached), as the landowner we were aware of the pit closure and did not see it fit to have an email notification. 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 April 14, 2012. Pit closed August 29, 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 August 15, 2012(attached), Closure activities began on August 20, 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	<0.0046
BTEX	EPA SW-846 8021B or 8260B	50	<0.1246
TPH	EPA SW-846 418.1	2500	185
GRO/DRO	EPA SW-846 8015M	500	130
Pre Chlorides	EPA 300.1	500 or background	880
Post Chlorides	EPA 300.1	500 or background	210

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 with this report. The site has been re-seeded using the BLM +10 seed mixture on September 17, 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 #248F, Unit B, Sec. 13, T26N, R6W, Rio Arriba Co "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.

A deed notice was sent to the Rio Arriba County clerk on October 25, 2012 (attached) identifying the exact location of the on-site burial at this site.

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								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		1. WELL API NO. 30-039-31075 2 Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3 State Oil & Gas Lease No NMNM-03554								
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 Breec C 6 Well Number 248F								
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 April 14, 2012		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 36.49289			Longitude -107.41778			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>Logan Hixon</u> Printed Name: Logan Hixon Title: EH&S Technician										
E-mail Address Logan.Hixon@xtoenergy.com						Date: 10-25-12				

DISTRICT I
1826 N. French Dr, Hobbs, N.M 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT 11
1801 W Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ 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 248F
7 OGRD No.		8 Operator Name XTO ENERGY			9 Elevation 6589'

¹⁰ Surface Location

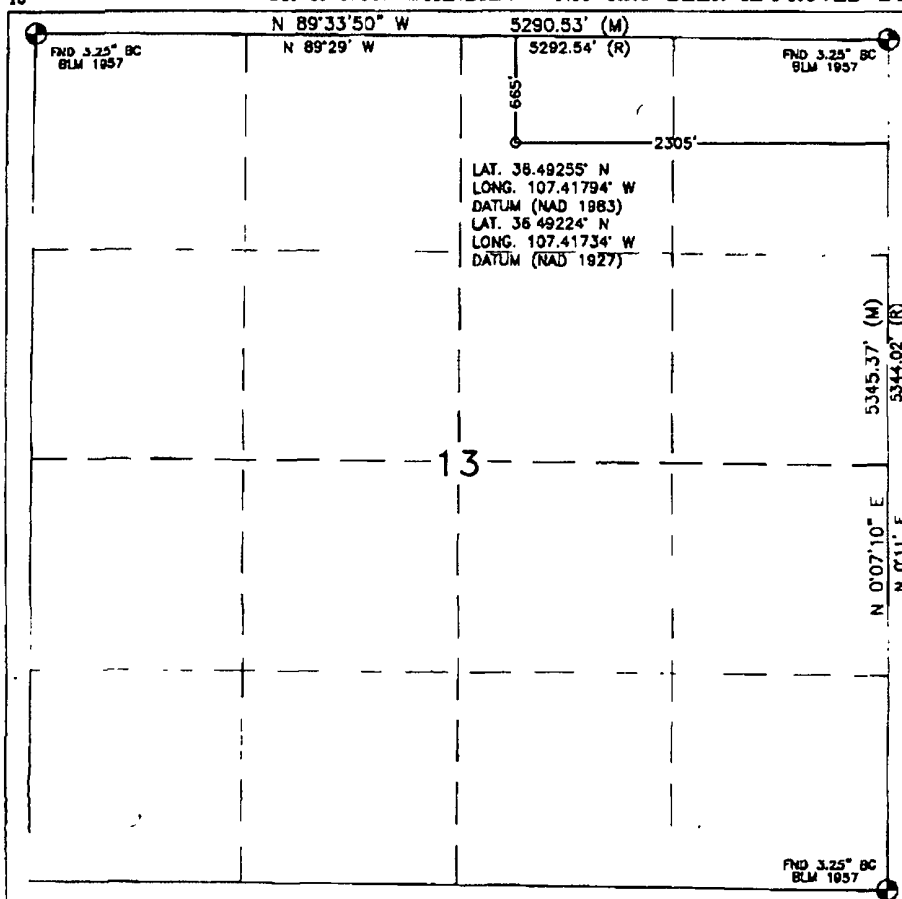
UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
B	13	26N	6W		665'	NORTH	2305'	EAST	RIO ARRIBA

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
⁵³ Dedicated Acres			⁵⁴ Joint or Infill		⁵⁵ Consolidation Code		⁵⁶ 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



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 or a compulsory pooling order heretofore entered by the division.

Signature

Data

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 belief.

MAY 14, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

Bill Russell

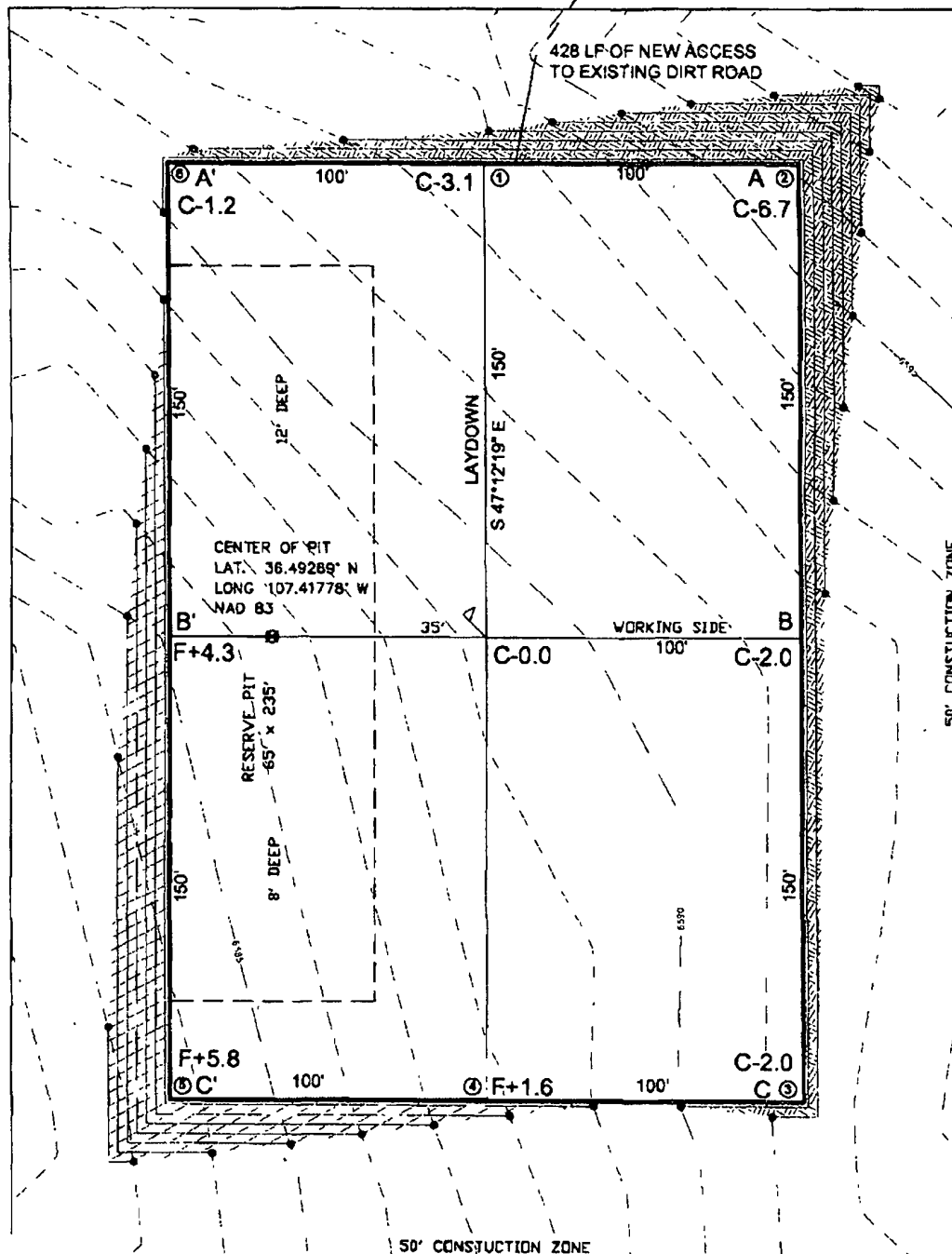
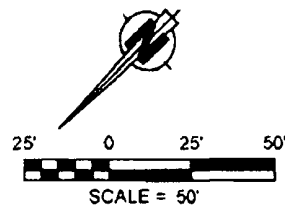
DAVID RUSSELL

Certificate Number

10201

LATITUDE 36 49255°N
LONGITUDE 107 41794°W
DATUM NAD 83

XTO ENERGY
BREECH C #248F
665' FNL & 2305' FEL
LOCATED IN THE NW/4 NE/4 OF SECTION 13,
T26N, R6W, N M P M.,
RIO ARriba COUNTY, NEW MEXICO
GROUND ELEVATION 6589', NAVD 88
FINISHED PAD ELEVATION 6589.4', NAVD 88

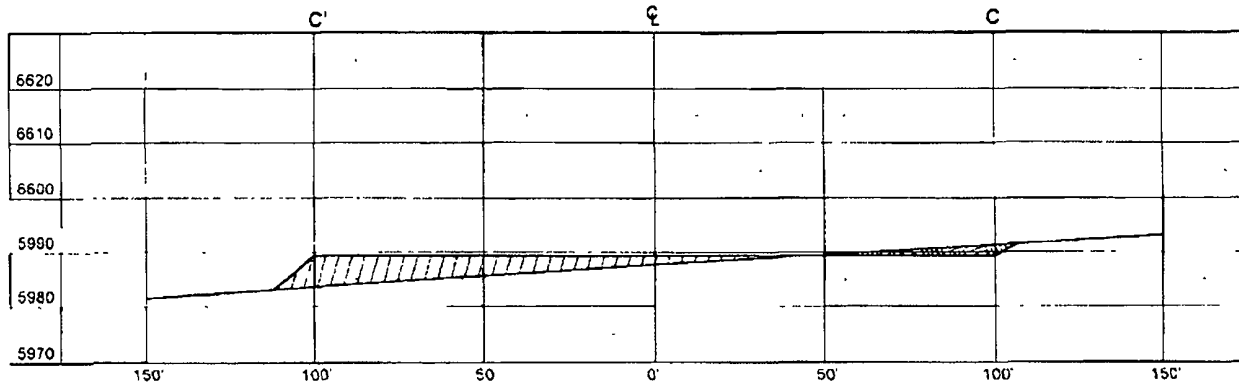
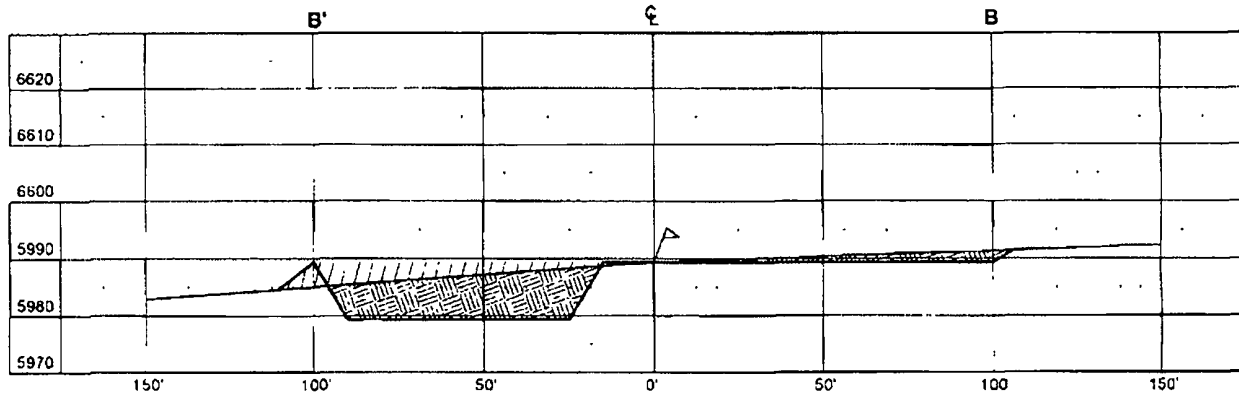
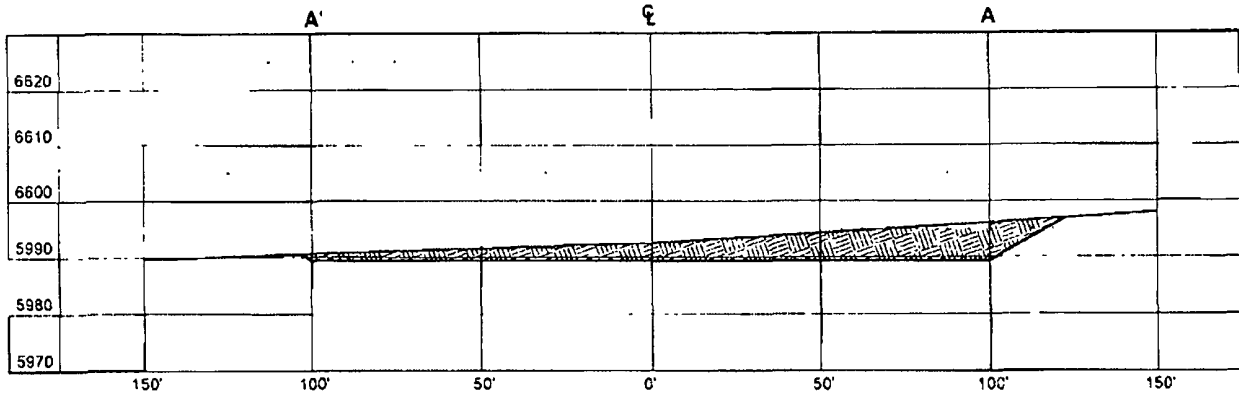


1 FOOT CONTOUR INTERVAL SHOWN
SCALE: 1" = 50'
JOB No.: XTO025_REV1
DATE 05/27/08



Russell Surveying
1409 W Aztec Blvd #2
Aztec, New Mexico 87410
(505) 334-8637

XTO ENERGY
BREECH C #248F
 665' FNL & 2305' FEL
 LOCATED IN THE NW/4 NE/4 OF SECTION 13,
 T26N, R6W, N M P M ,
 RIO ARriba COUNTY, NEW MEXICO
 GROUND ELEVATION 6589', NAVD 88
 FINISHED PAD ELEVATION 6589.4', NAVD 88



VERT. SCALE: 1" = 30'
 HORZ SCALE: 1" = 50'
 JOB No: XTO025_REV1
 DATE: 05/27/08



Russell Surveying
 1409 W. Aztec Blvd #2
 Aztec, New Mexico 87410
 (505) 334-8637



12065 Lebanon Rd
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Fax (615) 758-5859

Tax I D 62-0814289

Est 1970

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

Report Summary

Monday June 11, 2012

Report Number: L578276

Samples Received: 06/02/12

Client Project:

Description: Breech C 248F

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

Entire Report Reviewed By:

Daphne Richards , ESC Representative

Laboratory Certification Numbers

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

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

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

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Where applicable, sampling conducted by ESC is performed per guidance provided
in laboratory standard operating procedures 060302, 060303, and 060304



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Tax I D 62-0814289

Est 1970

REPORT OF ANALYSIS

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

June 11, 2012

Date Received June 02, 2012
Description Breech C 248F
Sample ID : DRILL PIT PRE STABILIZE
Collected By Logan Hixon
Collection Date 06/01/12 11 20

ESC Sample # . L578276-01

Site ID :

Project # .

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	880	15.	mg/kg	9056	06/07/12	1
Total Solids	65.3	0.100	%	2540G	06/06/12	1
Benzene	0 0046	0 0038	mg/kg	8021/8015	06/04/12	5
Toluene	BDL	0 038	mg/kg	8021/8015	06/04/12	5
Ethylbenzene	0 0066	0 0038	mg/kg	8021/8015	06/04/12	5
Total Xylene	0 054	0 011	mg/kg	8021/8015	06/04/12	5
TPH (GC/FID) Low Fraction	BDL	0.76	mg/kg	GRO	06/04/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	99.6		% Rec.	8021/8015	06/04/12	5
a,a,a-Trifluorotoluene (PID)	106.		% Rec.	8021/8015	06/04/12	5
TPH (GC/FID) High Fraction	130	6.1	mg/kg	3546/DRO	06/11/12	1
Surrogate recovery(%)						
o-Terphenyl	67.3		% Rec.	3546/DRO	06/11/12	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 06/11/12 16 55 Printed 06/11/12 16:55

Summary of Remarks For Samples Printed
06/11/12 at 16:55:20

TSR Signing Reports 288
R5 - Desired TAT

drywt

Sample: L578276-01 Account XTORNM Received 06/02/12 09:00 Due Date. 06/08/12 00 00 RPT Date. 06/11/12 16:55



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L578276

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

June 11, 2012

Analyte	Result	Laboratory Blank Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< 0005	mg/kg			WG595885	06/03/12 23 36
Ethylbenzene	< 0005	mg/kg			WG595885	06/03/12 23 36
Toluene	< 005	mg/kg			WG595885	06/03/12 23 36
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG595885	06/03/12 23 36
Total Xylene	< 0015	mg/kg			WG595885	06/03/12 23 36
a,a,a-Trifluorotoluene(FID)		% Rec	99 54	59-128	WG595885	06/03/12 23 36
a,a,a-Trifluorotoluene(FID)		% Rec	107 0	54-144	WG595885	06/03/12 23 36
Total Solids	< 1	%			WG596193	06/06/12 09 40
Chloride	< 10	mg/kg			WG596698	06/07/12 22 30
TPH (GC/FID) High Fraction	< 4	ppm			WG595902	06/11/12 13 39
o-Terphenyl		% Rec	90 11	50-150	WG595902	06/11/12 13 39

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	89 0	90 4	1 10	5	L578231-58	WG596193
Chloride	mg/kg	1300	1300	1 53	20	L578956-01	WG596698
Chloride	mg/kg	810	780	3 53	20	L578985-01	WG596698

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	05	0 0457	91 3	76-113	WG595885
Ethylbenzene	mg/kg	05	0 0461	92 2	78-115	WG595885
Toluene	mg/kg	05	0 0464	92 7	76-114	WG595885
Total Xylene	mg/kg	15	0 144	96 0	81-118	WG595885
a,a,a-Trifluorotoluene(PID)				106 2	54-144	WG595885
TPH (GC/FID) Low Fraction	mg/kg	5 5	7 07	129	67-135	WG595885
a,a,a-Trifluorotoluene(FID)				106 4	59-128	WG595885
Total Solids	%	50	50 0	100	85-115	WG596193
Chloride	mg/kg	200	205	103	80-120	WG596698
TPH (GC/FID) High Fraction	ppm	60	52 4	87 3	50-150	WG595902
o-Terphenyl				84 37	50-150	WG595902

Analyte	Units	Laboratory Control Sample Duplicate Result Ref %Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0 0463 0 0457 93 0	76-113	1 44	20	WG595885
Ethylbenzene	mg/kg	0 0467 0 0461 93 0	78-115	1 32	20	WG595885
Toluene	mg/kg	0 0462 0 0464 92 0	76-114	0 390	20	WG595885
Total Xylene	mg/kg	0 146 0 144 97 0	81-118	1 10	20	WG595885
a,a,a-Trifluorotoluene(PID)			106 1			WG595885
TPH (GC/FID) Low Fraction	mg/kg	7 08 7 07 129	67-135	0 0600	20	WG595885
a,a,a-Trifluorotoluene(FID)			106 8			WG595885

* Performance of this Analyte is outside of established criteria

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers'



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
James McDaniel
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Aztec, NM 87410

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Fax (615) 758-5859

Tax I D 62-0814289

Est 1970

Quality Assurance Report
Level II

L578276

June 11, 2012

Analyte	Units	Laboratory Control		Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref	%Rec					
Chloride	mg/kg	205	205	102		80-120	0	20	WG596698

Analyte	Units	MS Res	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
			Ref Res						
Benzene	mg/kg	0 189	0		05	75 6	32-137	L578242-01	WG595885
Ethylbenzene	mg/kg	0 166	0		05	66 5	10-150	L578242-01	WG595885
Toluene	mg/kg	0 185	0		05	73 8	20-142	L578242-01	WG595885
Total Xylene	mg/kg	0 516	0		15	68 8	16-141	L578242-01	WG595885
a,a,a-Trifluorotoluene(PID)						106 2	54-144		WG595885
TPH (GC/FID) Low Fraction	mg/kg	19 5	0		5 5	71 0	55-109	L578242-01	WG595885
a,a,a-Trifluorotoluene(FID)						101 8	59-128		WG595885
Chloride	mg/kg	533	43 0		500	98 0	80-120	L578727-01	WG596698

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Benzene	mg/kg	0 203	0 189	81 3	32-137	7 27	39	L578242-01	WG595885
Ethylbenzene	mg/kg	0 147	0 166	59 0	10-150	11 9	44	L578242-01	WG595885
Toluene	mg/kg	0 177	0 185	70 7	20-142	4 33	42	L578242-01	WG595885
Total Xylene	mg/kg	0 458	0 516	61 1	16-141	11 9	46	L578242-01	WG595885
a,a,a-Trifluorotoluene(PID)				105 4	54-144				WG595885
TPH (GC/FID) Low Fraction	mg/kg	26 0	19 5	94 5	55-109	28.4*	20	L578242-01	WG595885
a,a,a-Trifluorotoluene(FID)				103 3	59-128				WG595885
Chloride	mg/kg	580	533	107	80-120	8.45	20	L578727-01	WG596698

Batch number /Run number / Sample number cross reference

WG595885 R2195873 L578276-01
WG596193 R2198921 L578276-01
WG596698 R2202277 L578276-01
WG595902 R2205554 L578276-01

* * 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 '



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L578276

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

June 11, 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 XTORN031810S Report to James McDaniel E-mail to james_mcdaniel@xtoenergy.com				Analysis/Container/Preservative <table border="1" style="width:100%; height: 150px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																																																																								C094 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 Breach C #248F				City/State Collected NM				CoCode _____ (lab use only) XTORNM Template/Prelogin Shipped Via FedEx Remarks/contaminant Sample # (lab only) 1578276-01																																																																																																									
PHONE 505-333-3701		Client Project No		Lab Project #																																																																																																													
FAX		Site/Facility ID#		P O #																																																																																																													
Collected by Logan Hixon		Rush? (Lab MUST be Notified) <input type="checkbox"/> Next Day 100% <input type="checkbox"/> Two Day 50% <input type="checkbox"/> Three Day 25%		Date Results Needed Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes																																																																																																													
Collected by (signature) 		Packed on Ice <input checked="" type="checkbox"/>		No																																																																																																													
Sample ID		Comp/Grab	Matrix	Depth	Date	Time																																																																																																											
Drinpit - pre stabilize camp		CS			6/1/12	11:20	1st	805	802	300.1																																																																																																							

Matrix SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other _____ pH _____ Temp _____
 Remarks "ONLY 1 COC Per Site!" 8695-20566420 Flow _____ Other _____

Relinquisher by (Signature) 	Date 6/1/12	Time 1:20p	Received by (Signature) 	Samples returned via FedEx X UPS Other	Condition (lab use only)
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp 4.1°	Bottles Received 1-4oz jar
Relinquisher by (Signature)	Date	Time	Received for lab by (Signature) 	Date 6-2-12	Time 0900
				pH Checked	NCF



Report Summary

Client: XTO

Chain of Custody Number: 14845

Samples Received: 06-01-12

Job Number: 98031-0528

Sample Number(s): 62242

Project Name/Location: Breech C #248F

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to be 'L. B.', written over a horizontal line.

Date:

6/7/12

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

Client:	XTO	Project #:	98031-0528
Sample ID:	Drill pit- pre stablize	Date Reported:	06-06-12
Laboratory Number:	62242	Date Sampled:	06-01-12
Chain of Custody No:	14845	Date Received:	06-01-12
Sample Matrix:	Soil	Date Extracted:	06-04-12
Preservative:	Cool	Date Analyzed:	06-04-12
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons	185	59.1
-------------------------------------	------------	-------------

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 #248F**



EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	06-04-12
Laboratory Number:	06-04-TPH.QA/QC 62242	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06-04-12
Preservative:	N/A	Date Extracted:	06-04-12
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
	04-25-12	06-04-12	1,850	1,720	7.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	59.1

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	185	148	20.0%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	185	2,000	2,000	91.5%	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 62242-62245.

CHAIN OF CUSTODY RECORD

14845

Client: XTO			Project Name / Location: Breech C #248 F			ANALYSIS / PARAMETERS													
Email results to: James.mechanic@xtoenergy.com			Sampler Name: Logan Hixen			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No: (505) 306-8018			Client No.: 98031-0528																
Sample No / Identification	Sample Date	Sample Time	Lab No	No / Volume of Containers	Preservative														
					HgCl ₂	HCl													
Drill pit - pre stabilization	6/1/12	11:20	62242	1-8/02										X				X	X
Relinquished by: (Signature) <i>Logan Hixen</i>				Date 6/1/12	Time 13:00	Received by: (Signature) <i>Stephane Sauer</i>				Date 6-1-12	Time 13:00								
Relinquished by: (Signature)						Received by: (Signature)													
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																			
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																			





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

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

Report Summary

Wednesday September 05, 2012

Report Number: L592889

Samples Received: 08/31/12

Client Project:

Description: Reserve Pit Breech C 248F

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:

T. Alan Harvill , 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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Where applicable, sampling conducted by ESC is performed per guidance provided
in laboratory standard operating procedures 060302, 060303, and 060304



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REPORT OF ANALYSIS

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

September 05, 2012

Date Received : August 31, 2012
Description : Reserve Pit Breech C 248F
Sample ID : BREECH C 248F
Collected By : Kurt
Collection Date : 08/29/12 10:30

ESC Sample # : L592889-01

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	210	12.	mg/kg	9056	09/01/12	1
Total Solids	84.6	0.100	%	2540G	09/04/12	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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

The reported analytical results relate only to the sample submitted

Reported: 09/05/12 13:22 Printed: 09/05/12 15:55



YOUR LAB OF CHOICE

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

Aztec, NM 87410

Quality Assurance Report
Level II

L592889

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September 05, 2012

Laboratory Blank		Units		% Rec	Limit	Batch	Date Analyzed
Analyte	Result						
Total Solids	< .1			%		WG610794	09/04/12 10:46
Chloride	< 10			mg/kg		WG610545	09/01/12 08 02
Duplicate		Units		Result	RPD	Limit	Ref Samp
Analyte	Duplicate						Batch
Total Solids				87 0	0.472	5	L593080-08
				86 2			WG610794
Laboratory Control Sample		Units		Known Val	Result	% Rec	Limit
Analyte							Batch
Total Solids				50	50 0	100	85-115
Chloride				200	208.	104.	80-120
Laboratory Control Sample Duplicate		Units		Result	Ref	%Rec	Limit
Analyte							Batch
Chloride				204	208	102.	80-120
						1 94	20
							WG610545
Matrix Spike		Units		MS Res	Ref Res	TV	% Rec
Analyte							Limit
Chloride				641	180.	500	92.2
							80-120
							L592889-01
							WG610545
Matrix Spike Duplicate		Units		MSD	Ref	%Rec	Limit
Analyte							RPD
Chloride				639.	641	91.8	80-120
							0.313
							20
							L592889-01
							WG610545

Batch number /Run number / Sample number cross reference

WG610794 R2327884 L592889-01
WG610545 R2329933 L592889-01

* * 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.'



YOUR LAB OF CHOICE

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

Aztec, NM 87410

Quality Assurance Report
Level II

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September 05, 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.



12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

CoCode XTORNM (lab use only)

Template/Prelogin

Shipped Via

Remarks/Contaminant

Sample # (lab only)

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

pH Temp

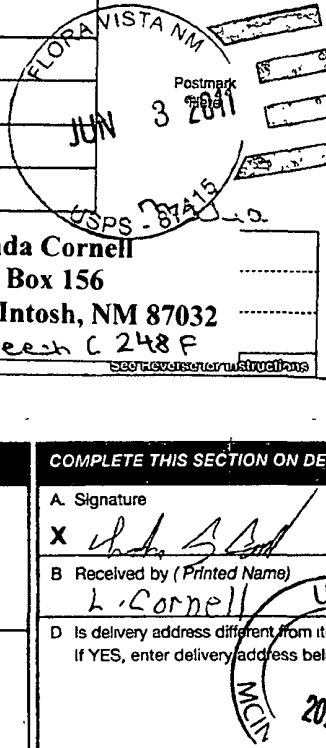
Remarks

Flow	Other
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
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49	50
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59	60
61	62
63	64
65	66
67	68
69	70
71	72
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75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

Relinquished by (Signature) <i>Kurt H. Ketter</i>	Date 8/30	Time 8:00	Received by (Signature) <i>[Signature]</i>	Samples returned via <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> UPS		Condition (lab use only) <i>MS</i>	
Relinquished by (Signature) <i>[Signature]</i>	Date	Time	Received by (Signature) <i>[Signature]</i>	Temp. <i>2.12</i>	Bottles Received <i>1402</i>	CoC Seals Intact <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	
Relinquished by (Signature) <i>[Signature]</i>	Date	Time	Received for lab by (Signature) <i>Matthew M. [Signature]</i>	Date 8/31/12	Time 09:50	pH Checked	NCF <input checked="" type="checkbox"/> Y

7010 1870 0003 3183 8222

U.S. Postal Service	
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For delivery information visit our website at www.usps.com	
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Sent To	Linda Cornell
Street, Apt. No., or PO Box No.	PO Box 156
City, State, ZIP+4	McIntosh, NM 87032
	Breesh C 248 F
PS Form 3811, August 2006	



SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) L. Cornell</p> <p>C. Date of Delivery JUN 4 2011</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below</p>	
<p>1. Article Addressed to</p> <p>Linda Cornell PO Box 156 McIntosh, NM 87032</p>		<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	
<p>2. Article Number (Transfer from service label)</p>		<p>7010 1870 0003 3183 8222</p>	
<p>PS Form 3811, February 2004</p>		<p>Domestic Return Receipt Breesh C 248 F 102595-02-M-1540</p>	



June 3, 2011

Linda Cornell
PO Box 156
McIntosh, NM 87032

RE: Breech C #248F
Sec. 13 (B), T26N, R6W
Rio Arriba County, New Mexico

Dear Ms. Cornell,

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.

Sincerely,

A handwritten signature in cursive script that reads 'Malia Villers'.

Malia Villers
XTO Energy Inc.

An **ExxonMobil** Subsidiary



Logan Hixon/FAR/CTOC

08/15/2012 04:40 PM

To BRANDON POWELL

cc Kurt Hoekstra/FAR/CTOC@CTOC, James
McDaniel/FAR/CTOC@CTOC, Scott

Baxstrom/FAR/CTOC@CTOC, Brent

bcc

Subject Drill Pit Closure Notification-Breech C #248F

Brandon,

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

Breech C #248F (API # 30-039-31075) located in Unit B, Section 13, Township 26N, Range 6W, Rio Arriba County, New Mexico

Closure activities are scheduled to begin the end of this 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

STATE OF NEW MEXICO §
 §
COUNTY OF RIO ARRIBA §

NOTICE OF ON-SITE PIT BURIAL

In accordance with Section 19.15.17.13.F.(1)(f) of the New Mexico Administrative Code, XTO Energy Inc., as Operator, hereby provides this 'Notice' in the public record of the on-site burial of a temporary pit at the following location:

Well Name: Breech C No. 248F
Latitude: 36.49289 N; NAD 83
Longitude: 107.41778 W; NAD 83
Section: 13
Unit Letter: B
Township: 26 North
Range: 6 West
County, State: Rio Arriba County, New Mexico

IN WITNESS WHEREOF, this Notice was executed by the undersigned on the date indicated below.

XTO Energy Inc.

Logan Hixon
Logan Hixon, EH&S Technician

Date: 10/25/12

STATE OF NEW MEXICO §
 §
COUNTY OF SAN JUAN §

This document was acknowledged before me this 25 day of October, 2012, by Logan Hixon, EH&S Technician of XTO Energy Inc., personally known to me.

WITNESS my hand and official seal.

Marsha A. Yokie
Notary Public in and for the State of New Mexico

(SEAL)



OFFICIAL SEAL
MARSHA A. YOKIE
NOTARY PUBLIC - STATE OF NEW MEXICO
My commission expires 12-1-2015

My Commission Expires:

12-1-2015

TEMPORARY PIT INSPECTION FORM

Well Name: Breech C. 248F

API No.: 30-039-31075

Legals:

Sec: 13

Township: 26N

Range: 6W

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)
<i>Jany Candalaria</i>	3/31/12	N	N	N	N	N/A	Y	N	10'
<i>Jany Candalaria</i>	4/1/12	N	N	N	N	N/A	Y	N	10'
<i>Jany Candalaria</i>	4/2/12	N	N	N	N	N/A	Y	N	10'
<i>Jany Candalaria</i>	4/3/12	N	N	N	N	N/A	Y	N	9'
<i>RAW COFFEE</i>	4/4/2012	N	N	N	N	NA	Y	N	9'
" "	4/5/2012	N	N	N	N	NA	Y	N	9'
" "	4/6/2012	N	N	N	N	NA	Y	N	10'
" "	4/7/2012	N	N	N	N	NA	Y	N	10'
" "	4/8/2012	N	N	N	N	NA	Y	N	11'
" "	4/9/2012	N	N	N	N	NA	Y	N	11'
" "	4/10/2012	N	N	N	N	NA	Y	N	11'
<i>Jany Candalaria</i>	4-11-2012	N	N	N	N	N/A	Y	N	10'
<i>Jany Candalaria</i>	4-12-2012	N	N	N	N	N/A	Y	N	10'
<i>Jany Candalaria</i>	4-13-2012	N	N	N	N	N/A	Y	N	10'

Notes:

Provide Detailed Description:

Misc:

TEMPORARY PIT INSPECTION FORM

Page #1

Well Name: Breech C 248F

API No.: 30-039-31075

Legals: **Sec:** 13B

Township: 26N

Range: 6W

Lat 36° 29' 32 064" N Long 107° 25' 16 548" 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	4/16/2012	N	N	N	Y	NA	Y	N	9
Brent Beaty	4/27/2012	N	N	N	Y	NA	Y	N	9
Brent Beaty	5/4/2012	N	N	N	Y	NA	Y	N	9
Brent Beaty	5/11/2012	N	N	N	Y	NA	Y	N	9
Brent Beaty	5/18/2012	N	N	N	Y	NA	Y	N	9
Brent Beaty	5/24/2012	N	N	N	Y	NA	Y	N	9
Brent Beaty	5/31/2012	N	N	N	Y	NA	Y	N	9
Brent Beaty	6/8/2012	N	N	N	Y	NA	Y	N	9
Luke McCollum	6/12/2012	N	N	N	Y	NA	Y	N	9
Luke McCollum	6/18/2012	N	N	N	Y	NA	Y	N	9
*Brent Beaty	7/9/2012	N	N	N	Y	NA	Y	N	9
Luke McCollum	7/20/2012	N	N	N	Y	NA	Y	N	8.5
Luke McCollum	7/26/2012	N	N	N	Y	NA	Y	N	9
Luke McCollum	8/2/2012	N	N	N	Y	NA	Y	N	9
Luke McCollum	8/6/2012	N	N	N	Y	NA	Y	N	9

Notes: Provide Detailed Description: *Pit is dry, placing on monthly inspection schedule for fence integrity.

*Water collected in pit, back on weekly inspection

Pit d8/6 - dry& ready for closure

Misc:

TEMPORARY PIT INSPECTION FORM

Page #2

Well Name: Breech C 248F

API No.: 30-039-31075

Legals:

Sec: 13B

Township: 26N

Range: 6W

Lat: 36° 29' 32 064" N Long: 107° 25' 16 548" W

Inspector's Name	Inspection Date	Any visible liner breaches (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	8/27/2012	PIT CLOSED							

Notes:

Provide Detailed Description:

Misc:

Legals:

API No.: 30-039-31075

Range:	6W
---------------	----

Lat: 36° 29' 32.064" N Long: 107° 25' 16.548" W

[illegible]

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

30-045-31075

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

NMNM-03554

7. Lease Name or Unit Agreement Name

Breech C

8. Well Number **248F**

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 **B** : **665** feet from the **North** line and **2305** feet from the **East** line

Section **13** Township **26N** Range **6W** NMPM **Rio Arriba County**

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

6,589 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 September 17, 2012.

Spud Date:

March 30, 2012

Rig Release Date:

April 14, 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

10-25-12

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 #248F
Section 13, Township 26N, Range 6W
Closure Date: 8/29/2012

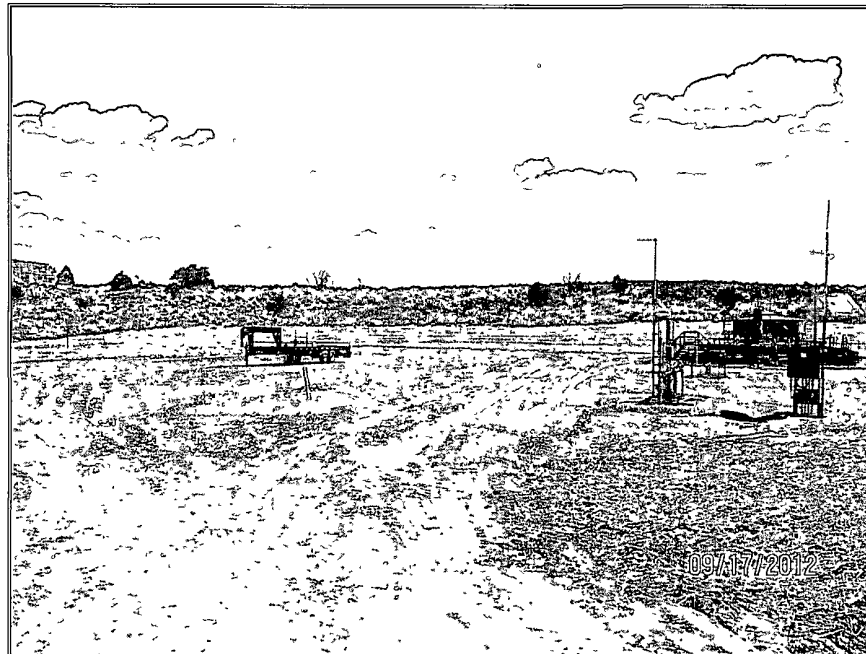


Photo 1: Breach C #248F after Reclamation

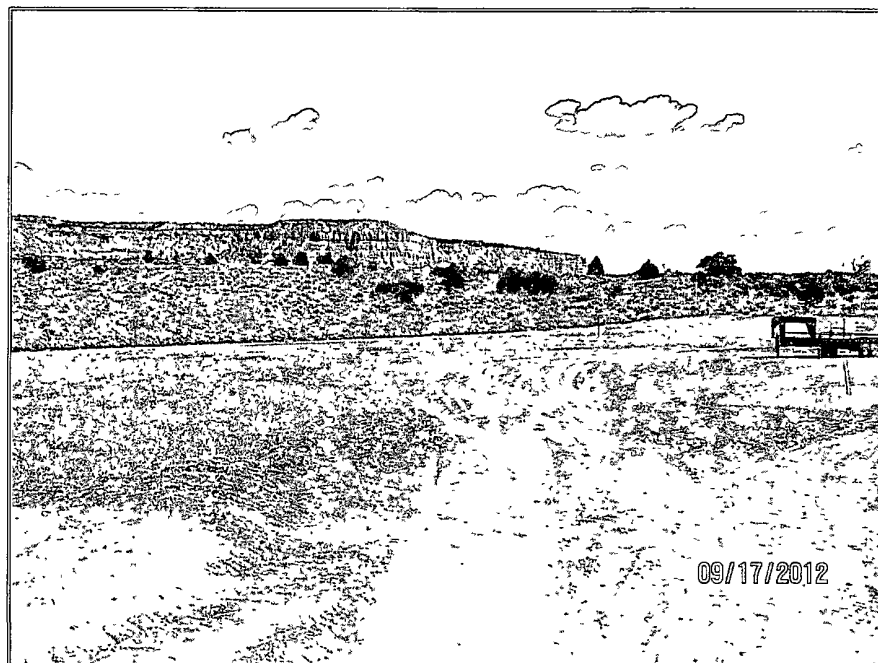


Photo 2: Breach C #248F after Reclamation

XTO Energy, Inc.
Breach C #248F
Section 13, Township 26N, Range 6W
Closure Date: 8/29/2012



Photo 3: Breach C #248F after Reclamation



Photo 4: Breach C #248F after Reclamation