

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 CLEZ
July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

4840

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☐ Permit ☒ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

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	RCVD JAN 14 '10
Address: #382 County Road 3100, Aztec, NM 87410		OIL CONS. DIV.	
Facility or well name: OH Randel #16S		DIST. 3	
API Number: 30-045-33135		OCD Permit Number:	
U/L or Qtr/Qtr	E	Section 15	Township 26N Range 11W County: San Juan
Center of Proposed Design: Latitude 36.48998		Longitude 107.99711	NAD: <input type="checkbox"/> 1927 <input checked="" type="checkbox"/> 1983
Surface Owner: <input checked="" type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Tribal Trust or Indian Allotment			

2. <input checked="" type="checkbox"/> Closed-loop System: Subsection H of 19.15.17.11 NMAC	
Operation: <input checked="" type="checkbox"/> Drilling a new well <input type="checkbox"/> Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) <input type="checkbox"/> P&A	
<input checked="" type="checkbox"/> Above Ground Steel Tanks or <input type="checkbox"/> Haul-off Bins	

3. Signs: Subsection C of 19.15.17.11 NMAC	
<input type="checkbox"/> 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
<input type="checkbox"/> Signed in compliance with 19.15.3.103 NMAC	

4. 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.	
<input type="checkbox"/> Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
<input type="checkbox"/> Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC	
<input type="checkbox"/> Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
<input type="checkbox"/> Previously Approved Design (attach copy of design)	API Number: _____
<input type="checkbox"/> Previously Approved Operating and Maintenance Plan	API Number: _____

5. 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: _____	Disposal Facility Permit Number: _____
Disposal Facility Name: _____	Disposal Facility Permit Number: _____
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?	
<input type="checkbox"/> Yes (If yes, please provide the information below) <input type="checkbox"/> No	
Required for impacted areas which will not be used for future service and operations:	
<input type="checkbox"/> Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
<input type="checkbox"/> Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
<input type="checkbox"/> Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	

6. Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.	
Name (Print): _____	Title: _____
Signature: _____	Date: _____
e-mail address: _____	Telephone: _____

7. **OCD Approval:** ☐ Permit Application (including closure plan) ☐ Closure Plan (only)

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** _____

8. **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:** March 5, 2009

9. **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: IEI Disposal Facility Permit Number: NM01-010B

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

10. **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): Kim Champlin Title: EH&S Administrative Coordinator

Signature:  Date: 01/12/2010

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

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: OH Randel #16S
API Number: 30-045-33135 OCD Permit Number: _____
U/L or Qtr/Qtr E Section 15 Township 26N Range 11W County: San Juan
Center of Proposed Design: Latitude 36.48990 Longitude 107.99698 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 65 x W 15 x D 8

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)
☐ 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.

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.
- ☐ 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

16.

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)

Instructions: Please 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: _____ Disposal Facility Permit Number: _____
 Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

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

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** _____

21.
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC
Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ **Closure Completion Date:** May 26, 2009

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

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

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

On-site Closure Location: Latitude 36.48990 Longitude 107.99698 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): Kim Champlin Title: EH&S Administrative Coordinator

Signature: *Kim Champlin* Date: January 12, 2010

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

Approved *Brenda Bell* NMACO 2/16/10

**XTO Energy Inc.
San Juan Basin
Closure Report**

Lease Name: OH Randel #16S
API No.: 30-045-33135
Description: Sec. 15E-T26N-R11W

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.
Cuttings were run through a centrifuge unit operated by Patriot to remove fluids January 23 through February 12, 2009 and fluids were disposed of at IEI NM01-010B.
 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 July 29, 2008.
 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 XTO's proposed closure plan via email on July 18, 2008 and of on-site burial by certified mail, return receipt requested, February 24, 2009 (attached).
 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 24, 2008. Pit closed May 26, 2009. Area seeded August 18, 2009 (beginning of first growing season after closure).
 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**Notice was given to OCD by XTO within the specified time period (February 24, 2009 attached). Closure activity began February 27, 2009.**

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 trachoe. Pit contents were mixed with non-waste, earthen material to a consistency that was deemed safe and stable. Approximately 1470 cubic yards of sandylome earthen material from the location was added to pit contents of 490 cubic yards. The mixing ratio did not exceed 3 parts clean soil to 1 part pit contents. Solidification was completed February 27, 2009.

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

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

8. A five point composite sample will be taken using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e. dig and haul. Disposal facilities to be utilized should this method be required will be Envirotech, Permit No. NM01-0011 or IEI, Permit No. NM01-0010B

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

Components	Test Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	ND
BTEX	EPA SW-846 8021B or 8260B	50	5.2
TPH	EPA SW-846 418.1	2500	3.5
GRO/DRO	EPA SW-846 8015M	500	3.5
Chlorides	EPA 300.1	1000 or background	440

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 just over one foot of background topsoil suitable for establishing vegetation at the site. 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 and was completed May 26, 2009.

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

Notification via C-103 is included in this report. Seeding date was August 18, 2009.

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 has been located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker includes a four foot tall riser welded around the base with the operator's information. The riser will be set in a way to not impede reclamation activities. The operator's information includes the following: XTO Energy, OH Randel #16S, Sec.15E-T26N-R11W "Pit 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								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		1. WELL API NO. 30-045-33135 2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No.								
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 OH Randel 6. Well Number: #16S								
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, NM 87410		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:	E	15	26N	11W		1850	N	920	W	San Juan
BM:	C	15	26N	11W		715	N	1898	W	
13. Date Spudded 12/17/2008	14. Date T D Reached 12/24/2008	15. Date Rig Released 12/24/2008		16. Date Completed (Ready to Produce) 03/05/2009		17. Elevations (DF and RKB, RT, GR, etc) 6337' GL				
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 (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period		Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl		Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.)			
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							30. Test Witnessed By			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude 36.48990					Longitude 107.99698			NAD 1927 1983		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Kim Champlin</i>			Printed Name Kim Champlin			Title EH&S Admin. Coordinator			Date 01/12/2010	
E-mail Address kim_champlin@xtoenergy.com										

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

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

DISTRICT III
1000 Rio Brozos 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 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-33135		² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL	
⁴ Property Code 22857	⁵ Property Name O.H. RANDEL			⁶ Well Number 16S
⁷ OCRID No. 5380	⁸ Operator Name XTO ENERGY INC.			⁹ Elevation 6337'

¹⁰ Surface Location

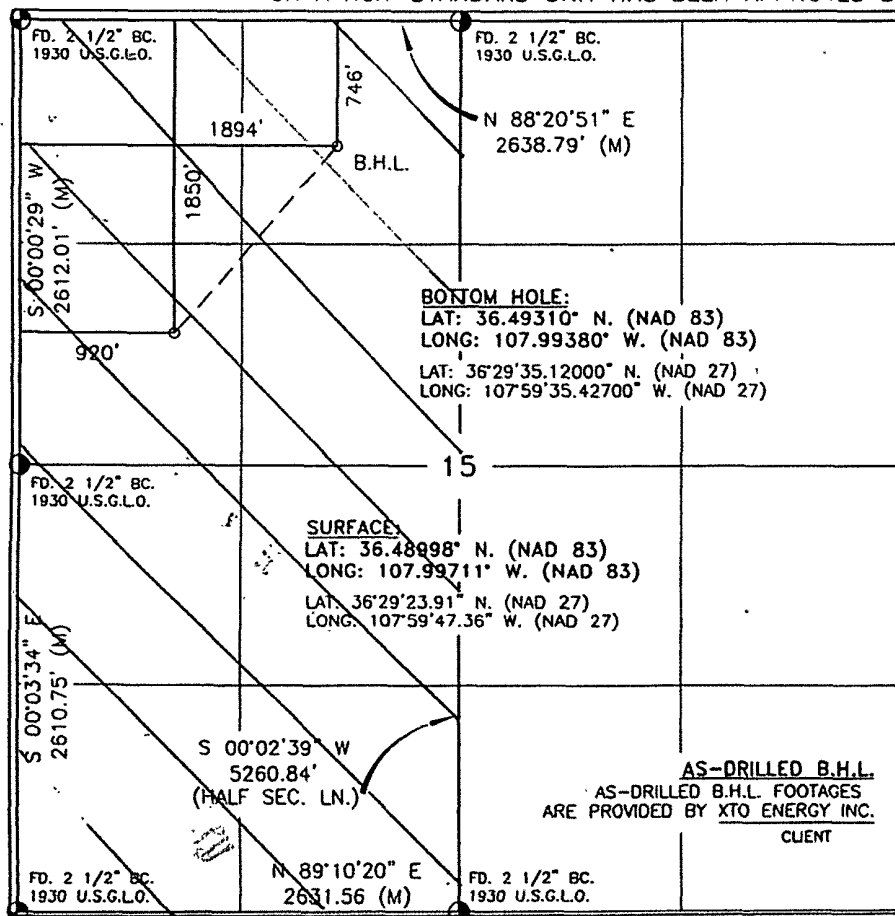
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	15	26-N	11-W		1850	NORTH	920	WEST	SAN JUAN

"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
C	15	26-N	11-W		746	NORTH	1894	WEST	SAN JUAN

¹² Dedicated Acres W/2 320	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



OPERATOR CERTIFICATION

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

Kyla Vaughan 3/31/09
Signature Date
Kyla Vaughan
Printed Name

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plot 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 & belief.

MAY 27 ~~2008~~

Date of Survey _____

Signature and Seal of Professional Surveyor

(WME)

11/11/1964

1922

8894

03/11/2021

4/19/91

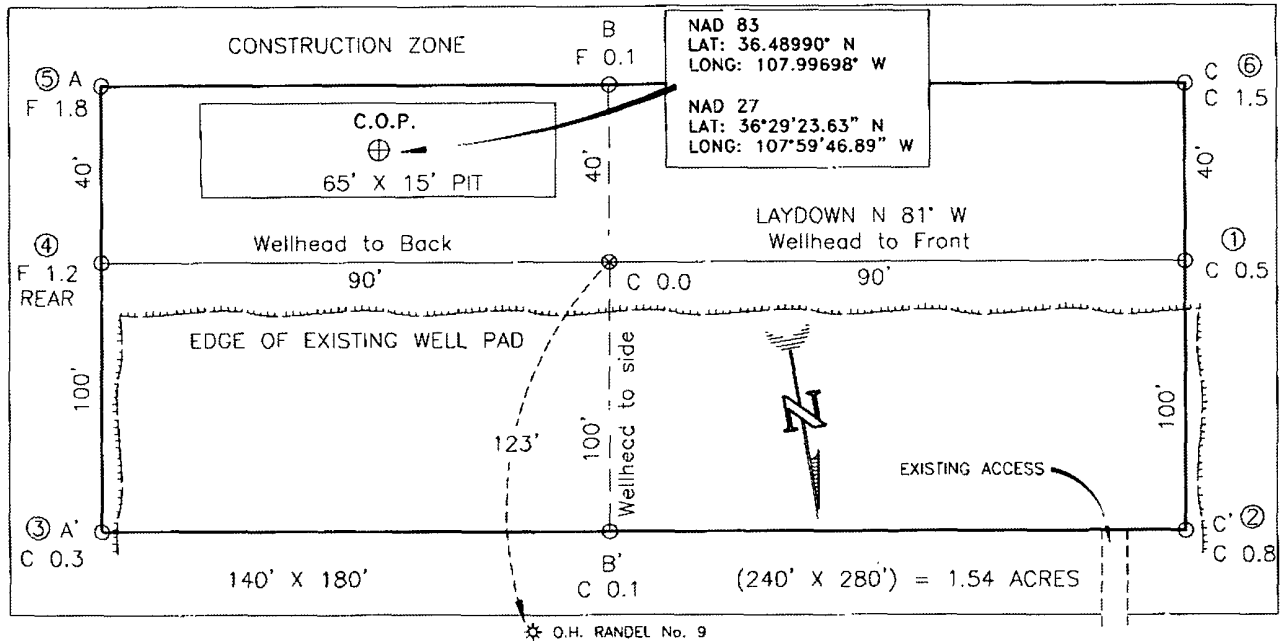
ED

PA 1281

Certificate Number

XTO ENERGY INC.
 O.H. RANDEL No. 16S, 1850' FNL 920' FWL
 SECTION 15, T26N, R11W, N.M.P.M., SAN JUAN COUNTY, N.M.
 GROUND ELEVATION: 6337', DATE: NOVEMBER 23, 2004

NAD 83
 LAT. = 36.48998° N
 LONG. = 107.99711° W
 NAD 27
 LAT. = 36°29'23.91" N
 LONG. = 107°59'47.36" W



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

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

ELEV. A-A'	C/L
6350	
6340	
6330	
6320	

ELEV. B-B'	C/L
6350	
6340	
6330	
6320	

ELEV. C-C'	C/L
6350	
6340	
6330	
6320	

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.

REVISION	DATE	REVISION BY	DATE	REVISION BY
1	5/27/08	J.G.	7/23/08	G.V.
Daggett Enterprises, Inc. Surveying and Oil Field Services P O. Box 510 Farmington, NM 87499 Phone (505) 326-1772 Fax (505) 326-6019 NEW MEXICO L.S. No. 8894				
DRAWN BY: A.G. ROW# CRJ39			DATE: 08/25/04	



Kim Champlin/FAR/CTOC
07/18/2008 11:52 AM

To mark_kelly@blm.gov
cc Kim Champlin/FAR/CTOC@CTOC
bcc

Subject Notice- OH Randel #15S & #16S Well Sites

RE: OH Randel #15S Gas Well API #30-045-32949
Sec. 10J- T26N- R11W, San Juan County
OH Randel #16S Gas Well API #30-045-33135
Sec. 15E- T26N- R11W, San Juan County

Dear Mr. Kelly:

This submittal is pursuant to Rule 19.15.17.13 requiring operators to notify surface owners of on site burial of temporary pits. XTO Energy Inc. (XTO) is hereby providing written documentation of our intention to close the temporary pit associated with the aforementioned location by means of in place on site burial.

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

Kim Champlin
Environmental Representative
XTO Energy
San Juan Division
(505) 333-3207 Office
(505) 330-8357 Cell
(505) 333-3280 Fax



February 24, 2009

Mark Kelly
Bureau of Land Management
Farmington Field Office
1235 La Plata Hwy
Farmington, NM 87401
(505) 599-8900

Regarding: OH Randel #16S Gas Well API #30-045-33135
Sec. 10J- T25N- R11W, San Juan County

Dear Mr. Kelly,

Pursuant to NMAC 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 closure of the temporary pit associated with the aforementioned location by means of in place on site burial. This temporary pit was closed in accordance to NMAC Rule 19.15.17.13.

Should you require any further information feel free to contact me at (505) 333-3100.

Respectfully submitted,

A handwritten signature in cursive script that reads 'Kim Champlin'.

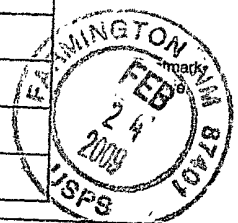
Kim Champlin
Sr. Environmental Representative
XTO Energy Inc.
San Juan Division

Cc: OCD
File

7004 2510 0005 9631 4681

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com
OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$



Sent To
Mark Kelly, BLM Farmington Field Office
Street, Apt. No.,
or PO Box No. *1235 La Plata Hwy*
City, State, ZIP+4
Farmington, NM 87401

SENDER COMPL

- 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.

1. Article Addressed to:
Mark Kelly
Bureau of Land Management
Farmington Field Office
1235 La Plata Hwy
Farmington, NM 87401
OH Randel # 116S

A. Signature
Tamara S. Faust ☐ Agent ☐ Addressee

B. Received by (Printed Name) *Tamara S. Faust* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number
(Transfer from service label)

7004 2510 0005 9631 4681



"Rosenbaum Construction
Co., Inc."
<rosenbaumconstruction@ms
n.com>

02/24/2009 09:07 AM

To "Brandon.Powell" <Brandon.Powell@state.nm.us>

cc "Kim_Champlin" <Kim_Champlin@xtoenergy.com>,
"Tony_Sternberger" <Tony_Sternberger@xtoenergy.com>

bcc .

Subject 72 hour notice

Brandon,

This is our 72 hour notice to solidify pit contents on an XTO well site.

O H RANDEL #16S

Township 26N, Range 11W, Section 15, Quarter Section NW
San Juan County

Thank you,
Stephanne Coats
Rosenbaum Construction
505-325-6367



COVER LETTER

Monday, February 23, 2009

Martin Nee
XTO Energy
382 County Road 3100
Aztec, NM 87410

TEL: (505) 333-3100

FAX (505) 333-3280

RE: Reserve Pit Samples

Order No.: 0902184

Dear Martin Nee:

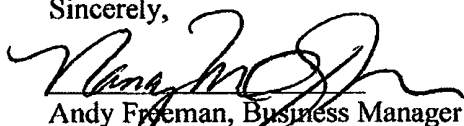
Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 2/18/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Feb-09

CLIENT: XTO Energy
Lab Order: 0902184
Project: Reserve Pit Samples
Lab ID: 0902184-01

Client Sample ID: OH Randel #16S Reserve Pit
Collection Date: 2/16/2009 11:30:00 AM
Date Received: 2/18/2009
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	6000	100		mg/Kg	10	2/21/2009
Motor Oil Range Organics (MRO)	ND	500		mg/Kg	10	2/21/2009
Surr: DNOP	116	61.7-135		%REC	10	2/21/2009
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	56	50		mg/Kg	10	2/20/2009 3:48:46 PM
Surr: BFB	110	58.8-123		%REC	10	2/20/2009 3:48:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	0.50		mg/Kg	10	2/20/2009 3:48:46 PM
Toluene	7.9	0.50		mg/Kg	10	2/20/2009 3:48:46 PM
Ethylbenzene	0.76	0.50		mg/Kg	10	2/20/2009 3:48:46 PM
Xylenes, Total	4.3	1.0		mg/Kg	10	2/20/2009 3:48:46 PM
Surr: 4-Bromofluorobenzene	100	66.8-139		%REC	10	2/20/2009 3:48:46 PM
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	930	3.0		mg/Kg	10	2/19/2009 5:28:35 PM
EPA METHOD 418.1: TPH						Analyst: LRW
Petroleum Hydrocarbons, TR	7400	400		mg/Kg	20	2/20/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

QA/QC SUMMARY REPORT

Client: XTO Energy
Project: Reserve Pit Samples

Work Order: 0902184

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB-18348		MBLK			Batch ID: 18348	Analysis Date: 2/18/2009 5:06:00 PM			
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-18348		LCS			Batch ID: 18348	Analysis Date: 2/18/2009 5:23:25 PM			
Chloride	15.52	mg/Kg	0.30	103	90	110			
Method: EPA Method 418.1: TPH									
Sample ID: MB-18361		MBLK			Batch ID: 18361	Analysis Date: 2/20/2009			
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-18361		LCS			Batch ID: 18361	Analysis Date: 2/20/2009			
Petroleum Hydrocarbons, TR	92.34	mg/Kg	20	92.3	82	114			
Sample ID: LCSD-18361		LCSD			Batch ID: 18361	Analysis Date: 2/20/2009			
Petroleum Hydrocarbons, TR	93.82	mg/Kg	20	93.8	82	114	1.59	20	
Method: EPA Method 8015B: Diesel Range Organics									
Sample ID: MB-18363		MBLK			Batch ID: 18363	Analysis Date: 2/21/2009			
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-18363		LCS			Batch ID: 18363	Analysis Date: 2/21/2009			
Diesel Range Organics (DRO)	48.15	mg/Kg	10	96.3	64.6	116			
Sample ID: LCSD-18363		LCSD			Batch ID: 18363	Analysis Date: 2/21/2009			
Diesel Range Organics (DRO)	49.39	mg/Kg	10	98.8	64.6	116	2.54	17.4	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: MB-18347		MBLK			Batch ID: 18347	Analysis Date: 2/21/2009 5:03:23 AM			
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-18347		LCS			Batch ID: 18347	Analysis Date: 2/20/2009 6:21:02 PM			
Gasoline Range Organics (GRO)	28.81	mg/Kg	5.0	111	64.4	133			
Sample ID: LCSD-18347		LCSD			Batch ID: 18347	Analysis Date: 2/20/2009 6:51:38 PM			
Gasoline Range Organics (GRO)	31.27	mg/Kg	5.0	121	64.4	133	8.19	11.6	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: XTO Energy
 Project: Reserve Pit Samples

Work Order: 0902184

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
---------	--------	-------	-----	------	----------	-----------	------	----------	------

Method: EPA Method 8021B: Volatiles

Sample ID: MB-18347

MBLK

Batch ID: 18347 Analysis Date: 2/21/2009 5:03:23 AM

Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						

Sample ID: LCS-18347

LCS

Batch ID: 18347 Analysis Date: 2/21/2009 4:02:19 AM

Benzene	0.9602	mg/Kg	0.050	94.5	78.8	132			
Toluene	0.9806	mg/Kg	0.050	97.4	78.9	112			
Ethylbenzene	1.054	mg/Kg	0.050	105	69.3	125			
Xylenes, Total	3.184	mg/Kg	0.10	106	73	128			

Sample ID: LCSD-18347

LCSD

Batch ID: 18347 Analysis Date: 2/21/2009 4:32:47 AM

Benzene	0.9866	mg/Kg	0.050	97.1	78.8	132	2.71	27	
Toluene	1.018	mg/Kg	0.050	101	78.9	112	3.75	19	
Ethylbenzene	1.115	mg/Kg	0.050	111	69.3	125	5.62	10	
Xylenes, Total	3.349	mg/Kg	0.10	112	73	128	5.07	13	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

2/18/2009

Work Order Number 0902184

Received by: ARS

Checklist completed by:



Signature

2/18/09

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name FedEx

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒

No ☐

Not Present ☐

Not Shipped ☐

Custody seals intact on sample bottles?

Yes ☐

No ☐

N/A ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - Preservation labels on bottle and cap match?

Yes ☐

No ☐

N/A ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

6°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

Turn-Around Time:

XTO ENERGY

382 ROAD 3100

AZTEC NM 87410

Phone #: 505-333-3707

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)☐ Other☐ EDD (Type)

Sample Request ID

OH RAUDEL #165
RESERVE PIT

Preservative

0902184

035

(2) 407 Tues

Relinquished by

Kms # Hackberry

Relinquished by:

Redbivardov.

9:55 2/18/09

Received by:

10/07/2021

Remarks:

Remarks: E-MAIL RESULTS TO KUET HOEKSTRA
KIM CAMPBELL

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



COVER LETTER

Thursday, March 26, 2009

Martin Nee
XTO Energy
382 County Road 3100
Aztec, NM 87410

TEL: (505) 333-3100

FAX (505) 333-3280

RE: OH Randel #16S Stabilized Reserve Pit Sample

Order No.: 0903248

Dear Martin Nee:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 3/18/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", written over a horizontal line.

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: 26-Mar-09

CLIENT:	XTO Energy	Client Sample ID:	OH Randel #16S Stabilized Pit
Lab Order:	0903248	Collection Date:	3/12/2009 3:45:00 PM
Project:	OH Randel #16S Stabilized Reserve Pit Sample	Date Received:	3/18/2009
Lab ID:	0903248-01	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	530	10		mg/Kg	1	3/21/2009
Motor Oil Range Organics (MRO)	160	50		mg/Kg	1	3/21/2009
Surr: DNOP	88.9	61.7-135		%REC	1	3/21/2009
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	50		mg/Kg	10	3/23/2009 10:33:44 PM
Surr: BFB	105	58.8-123		%REC	10	3/23/2009 10:33:44 PM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	0.50		mg/Kg	10	3/23/2009 10:33:44 PM
Toluene	3.3	0.50		mg/Kg	10	3/23/2009 10:33:44 PM
Ethylbenzene	ND	0.50		mg/Kg	10	3/23/2009 10:33:44 PM
Xylenes, Total	1.9	1.0		mg/Kg	10	3/23/2009 10:33:44 PM
Surr: 4-Bromofluorobenzene	102	66.8-139		%REC	10	3/23/2009 10:33:44 PM
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	440	3.0		mg/Kg	10	3/24/2009 3:01:13 AM
EPA METHOD 418.1: TPH						Analyst: LRW
Petroleum Hydrocarbons, TR	910	200		mg/Kg	10	3/19/2009

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Estimated value	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	MCL Maximum Contaminant Level
	ND Not Detected at the Reporting Limit	RL Reporting Limit
	S Spike recovery outside accepted recovery limits	

QA/QC SUMMARY REPORT

Client: XTO Energy
 Project: OH Randel #16S Stabilized Reserve Pit Sample

Work Order: 0903248

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB-18605		MBLK			Batch ID: 18605	Analysis Date: 3/24/2009 1:34:10 AM			
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-18605		LCS			Batch ID: 18605	Analysis Date: 3/24/2009 1:51:34 AM			
Chloride	15.96	mg/Kg	0.30	106	90	110			
Method: EPA Method 418.1: TPH									
Sample ID: MB-18568		MBLK			Batch ID: 18568	Analysis Date: 3/19/2009			
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-18568		LCS			Batch ID: 18568	Analysis Date: 3/19/2009			
Petroleum Hydrocarbons, TR	84.72	mg/Kg	20	84.7	82	114			
Sample ID: LCSD-18568		LCSD			Batch ID: 18568	Analysis Date: 3/19/2009			
Petroleum Hydrocarbons, TR	92.02	mg/Kg	20	92.0	82	114	8.26	20	
Method: EPA Method 8015B: Diesel Range Organics									
Sample ID: MB-18580		MBLK			Batch ID: 18580	Analysis Date: 3/21/2009			
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-18580		LCS			Batch ID: 18580	Analysis Date: 3/21/2009			
Diesel Range Organics (DRO)	42.45	mg/Kg	10	84.9	64.6	116			
Sample ID: LCSD-18580		LCSD			Batch ID: 18580	Analysis Date: 3/21/2009			
Diesel Range Organics (DRO)	42.11	mg/Kg	10	84.2	64.6	116	0.807	17.4	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: MB-18566		MBLK			Batch ID: 18566	Analysis Date: 3/24/2009 4:39:17 AM			
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-18566		LCS			Batch ID: 18566	Analysis Date: 3/24/2009 3:38:20 AM			
Gasoline Range Organics (GRO)	28.35	mg/Kg	5.0	109	64.4	133			
Sample ID: LCSD-18566		LCSD			Batch ID: 18566	Analysis Date: 3/24/2009 4:08:46 AM			
Gasoline Range Organics (GRO)	28.39	mg/Kg	5.0	109	69.5	120	0.141	11.6	
Method: EPA Method 8021B: Volatiles									
Sample ID: MB-18566		MBLK			Batch ID: 18566	Analysis Date: 3/24/2009 4:39:17 AM			
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						
Sample ID: LCS-18566		LCS			Batch ID: 18566	Analysis Date: 3/24/2009 3:07:44 AM			
Benzene	1.072	mg/Kg	0.050	106	78.8	132			
Toluene	1.023	mg/Kg	0.050	100	78.9	112			
Ethylbenzene	1.099	mg/Kg	0.050	110	69.3	125			
Xylenes, Total	3.259	mg/Kg	0.10	109	73	128			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

3/18/2009

Work Order Number 0903248

Received by: TLS

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Preservation labels on bottle and cap match?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Container/Temp Blank temperature?

1°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

Client: XTO ENERGY

Client: XTO ENERGY

Mailing Address: 382 Road 3100

AZTEC NM 87410

Phone #: 505-333-3207

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: OH BAUNDEL # 16S

STABILIZED RESERVE PIT SAMPLE

Project #: RESERVE PIT SAMPLES

Project Manager:

MARTIN NEFF

Sampler: Kue-T

Sample Temperature

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

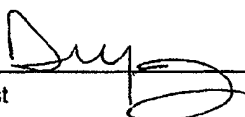
Client:	XTO Energy	Project #:	98031-0121
Sample ID:	Re-Sample	Date Reported:	05-19-09
Laboratory Number:	50099	Date Sampled:	05-15-09
Chain of Custody No:	6949	Date Received:	05-15-09
Sample Matrix:	Soil	Date Extracted:	05-18-09
Preservative:	Cool	Date Analyzed:	05-18-09
Condition:	Intact	Analysis Requested:	8015 TPH

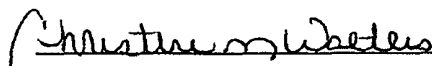
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.2	0.2
Diesel Range (C10 - C28)	2.3	0.1
Total Petroleum Hydrocarbons	3.5	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: OH Randel #16S Reserve Pit


Analyst


Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-09 QA/QC	Date Reported:	05-19-09
Laboratory Number:	49961	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-09
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.6430E+002	9.6469E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9001E+002	9.9040E+002	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

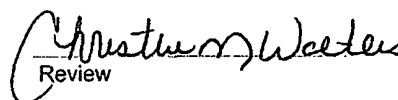
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	246	98.4%	75 - 125%
Diesel Range C10 - C28	ND	250	247	98.8%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 49961 - 49668, 50089, and 50099.

Analyst 


Review

CHAIN OF CUSTODY RECORD

6949 (Rush)

Client: XTO ENERGY		Project Name / Location: Re-Sample OH RANDEL #16S RESERVE PIT		ANALYSIS / PARAMETERS																
Client Address: 382 ROAD 3100 AZTEC NM 87410		Sampler Name: KUET																		
Client Phone No.: 505-333-3207		Client No.: 98031-0121																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	GR0-DE0 8015M	Sample Cool	Sample Intact
RE-SAMPLE OH RANDEL #16S RESERVE PIT	5/15	12:00	50099	Soil Solid	14oz Jar													X	✓	✓
				Soil Solid																
				Soil Solid																
				Soil Solid																
				Soil Solid																
				Soil Solid																
				Soil Solid																
				Soil Solid																
				Soil Solid																
				Soil Solid																
				Soil Solid																
				Soil Solid																
Relinquished by: (Signature) <i>Kim Hoekstra</i>				Date 5/15	Time 2:25	Received by: (Signature) <i>[Signature]</i>				Date 5/15	Time 14:28									
Relinquished by: (Signature)						Received by: (Signature)														
Relinquished by: (Signature)						Received by: (Signature)														

RUSH

ENVIROTECH INC. E-MAIL RESULTS TO:
KUET HOEKSTRA

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 Kim CHAMPLIN

Submit 3 Copies 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
June 19, 2008

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

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)		WELL API NO. 30-045-33135
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator XTO Energy Inc		6. State Oil & Gas Lease No.
3. Address of Operator 382 County Road 3100 Aztec, NM 87410		7. Lease Name or Unit Agreement Name OH Randel
4. Well Location Unit Letter <u>E</u> : <u>1850</u> feet from the <u>North</u> line and <u>920</u> feet from the <u>West</u> line Section <u>15</u> Township <u>26N</u> Range <u>11W</u> NMPM County <u>San Juan</u>		8. Well Number #16S
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 5380
		10. Pool name or Wildcat

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: Seed Temporary 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The area where the temporary pit has been buried in place was seeded on August 18, 2009 using BLM Seed Mix by drilling on the contour (disk and seed contour).

BLM Seed Mix Special:>10 Inches of Precipitation

Fourwing Saltbush (Atriplex Canescens)	1.0 lbs
Indian Wheatgrass (Oryzopsis Hymenoides)	1.0 lbs
Western Wheatgrass (Agropyron Smithii)	2.0 lbs
Blue Gamma (Hatcheta or Alma)	0.25 lbs
Small Burnet (Delar)	1.0 lbs
Pubescent Wheatgrass	2.0 lbs
Intermediate Wheatgrass	2.0 lbs
Smooth Brome	2.0 lbs
Antelope Bitterbrush	0.10 lbs

Spud Date:

December 17, 2008

Rig Release Date:

December 24, 2008

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

SIGNATURE Kim Champlin TITLE EH&S Admin. Coordinator DATE 01/12/2010

Type or print name Kim Champlin E-mail address: kim_champlin@xtoenergy.com PHONE: (505) 333-3100
For State Use Only

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

TEMPORARY PIT INSPECTION FORM

Well Name: OH Randel #16S

API No.: 30-045-33135

Legals:

Sec: 10E

Township: 26N

Range: 11W

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)	Discharg line integrity (Y/N)	Fence integrity (Y/N)	Any dead wildlife/stock (Y/N)	Freeboard Est. (ft)
D. Romango	12/16/2008	No	No	No	Yes	Yes	Yes	No	>2'
D. Romango	12/17/2008	No	No	No	Yes	Yes	Yes	No	>2'
D. Romango	12/18/2008	No	No	No	Yes	Yes	Yes	No	>2'
D. Romango	12/19/2008	No	No	No	Yes	Yes	Yes	No	>2'
D. Romango	12/20/2008	No	No	No	Yes	Yes	Yes	No	>2'
D. Romango	12/21/2008	No	No	No	Yes	Yes	Yes	No	>2'
D. Romango	12/22/2008	No	No	No	Yes	Yes	Yes	No	>2'
D. Romango	12/23/2008	No	No	No	Yes	Yes	Yes	No	>2'
D. Romango	12/24/2008	No	No	No	Yes	Yes	Yes	No	>2'
Bradshaw	12/31/2008	No	No	No	Yes	Yes	Yes	No	>2'
M. Hartsell	1/9/2009	No	No	No	Yes	Yes	Yes	No	>2'
M. Hartsell	1/16/2009	No	No	No	Yes	Yes	Yes	No	>2'
M. Hartsell	1/23/2009	No	No	No	Yes	Yes	Yes	No	>2'
M. Hartsell	1/30/2009	No	No	No	Yes	Yes	Yes	No	>2'
M. Hartsell	2/6/2009	No	No	No	Yes	Yes	Yes	No	>2'
M. Hartsell	2/13/2009	No	No	No	Yes	Yes	Yes	No	>2'
M. Hartsell	2/20/2009	No	No	No	Yes	Yes	Yes	No	>2'
M. Hartsell	2/27/2009	No	No	No	Yes	Yes	Yes	No	>2'

Notes:

Provide Detailed Description:

Misc:



OH Rendell 165

