

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.

3713

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.

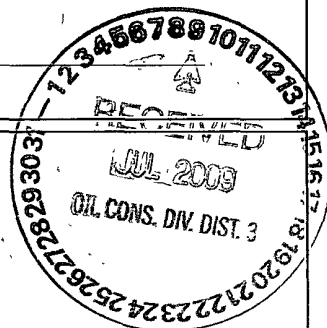
1.
Operator: XTO Energy, Inc. OGRID #: 5380
Address: #382 County Road 3100, Aztec, NM 87410
Facility or well name: Woods 16 #1
API Number: 30-045-34696 OCD Permit Number: _____
U/L or Qtr/Qtr: D Section 110 Township 23N Range 11W County: San Juan
Center of Proposed Design: Latitude 36.232512 Longitude 108.016393 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 60 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. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - 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. (Applies to permanent pits) - 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 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): _____ 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: February 3, 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 _____ Longitude _____ 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: Sr. Environmental Representative

Signature: *Kim Champlin* Date: July 8, 2009

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

Approved Brandon Zell NMOC 1/5/09

XTO Energy Inc. San Juan Basin Closure Report

Lease Name: Woods 16 #1

API No.: 30-045-34696

Description: Sec. 16D-T23N-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. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date.

- 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 July 30, 2008 through August 4, 2008 and disposed of at Basin Disposal NM01-005.
 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 July 10, 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 10, 2008 and of on-site burial by certified mail, return receipt requested, October 30, 2008 (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 July 22, 2008. Pit closed February 3, 2009. Area seeded April 9, 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 (October 30, 2008, attached). Closure activity began November 3, 2008.**

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. Earthen material added was 798 cubic yards to pit contents of 266 cubic yards. The mixing ratio did not exceed 3 parts clean soil to 1 part pit contents. Solidification was completed November 4, 2008.

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

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

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

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

Components	Test Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	ND
BTEX	EPA SW-846 8021B or 8260B	50	ND
TPH	EPA SW-846 418.1	2500	ND
GRO/DRO	EPA SW-846 8015M	500	10
Chlorides	EPA 300.1	500 or background	670/27*

*** Pit was re-sampled for chlorides after stabilization.**

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 February 3, 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 April 9, 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 was 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 was set in a way to not impede reclamation activities. The operator's information includes the following: XTO Energy Inc., Woods 16 #1, Sec. 16C-T23N-R11W "Pit Burial". Steel marker was set February 16, 2009. (Photo attached).

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

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

Submit To Appropriate District Office: Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 July 17, 2008
		1. WELL API NO. 30-045-34696
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN
		3. State Oil & Gas Lease No.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
4. Reason for filing: <input type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)		5. Lease Name or Unit Agreement Name Woods 16
		6. Well Number #1
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 Basin Fruitland Coal
12. Location	Unit Ltr	Section
Surface:	D	16
BH:		
Township	Range	Lot
23N	11W	
Feet from the N/S Line	Feet from the E/W Line	County
660	660	San Juan
13. Date Spudded July 15, 2008	14. Date T.D. Reached July 21, 2008	15. Date Rig Released July 22, 2008
16. Date Completed (Ready to Produce) October 21, 2008		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
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	SIZE
BOTTOM	SACKS CEMENT	DEPTH 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
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl
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 36.232512		Longitude 108.016393 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 Sr. Environmental Rep Date July 8, 2009
E-mail Address kim_champlin@xtoenergy.com		

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 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	² Pool Code	³ Pool Name FRUITLAND COAL
⁴ Property Code	⁵ Property Name WOODS 16	⁶ Well Number 1
⁷ GRID No.	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 6190

¹⁰ Surface Location

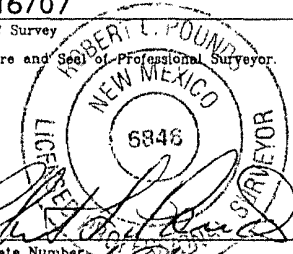
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	23 N	11 W		660	NORTH	660	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres W 1/2, 320 AC ±	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

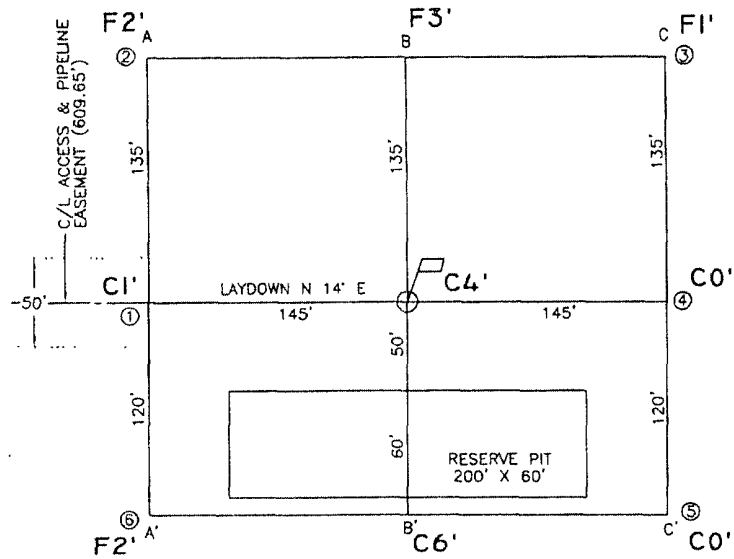
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ S 89°19'13" E 2643.04' 660' 2620.36' NAD 83 LAT: 36.232512° N LONG: 108.016393° W	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____
SECTION 16 N 3°15'01" E 2623.28' N 3°15'02" E N 89°14'49" W 2665.64'	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. 8/16/07 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number: 6846

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



0 50 100
SCALE: 1"=100'



A-A' E

6210	.	.	.	.	.
6200	.	.	.	.	.
6190	.	.	.	.	.
6180	.	.	.	.	.
6170	.	.	.	.	.

B-B' E

6210	.	.	.	.	.
6200	.	.	.	.	.
6190	.	.	.	.	.
6180	.	.	.	.	.
6170	.	.	.	.	.

C-C' E

6210	.	.	.	.	.
6200	.	.	.	.	.
6190	.	.	.	.	.
6180	.	.	.	.	.
6170	.	.	.	.	.

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: WOODS 16 #1

FOOTAGE: 660' FNL, 660' FWL

SEC. 16 TWN. 23 N RNG. 11 W N.M.P.M.

LAT: N 36.232512° LONG: W 108.016393° (NAD 83)

ELEVATION: 6190

XTO ENERGY, INC.
FARMINGTON, NEW MEXICO

SURVEYED: 8/16/07

REV. DATE:

APP. BY R.L.P.

DRAWN BY: H.S.

DATE DRAWN: 10/18/07

FILE NAME: 7811C01



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408



"Mariano, Michael"
<mmariano@slo.state.nm.us>

07/10/2008 03:50 PM

To "Kim_Champlin@xtoenergy.com"
<Kim_Champlin@xtoenergy.com>

cc

bcc

Subject RE: Notice- Woods 16#1 Well Site

Kim,

I am the Minerals Manager, but only for the non-fuel minerals. I have forwarded your info onto Scott Dawson, Petroleum Engineer, of the Oil & Gas group here at the State Land Office. He will contact you if needed.

Thanks,

Michael Mariano, Minerals Manager
NM State Land Office
310 Old Santa Fe Trail
P.O. Box 1148
Santa Fe, NM 87504-1148
(505) 827-5750 / Fax (505) 827-4739
mmariano@slo.state.nm.us
<http://www.nmstatelands.org/>

-----Original Message-----

From: Kim_Champlin@xtoenergy.com [mailto:Kim_Champlin@xtoenergy.com]
Sent: Thursday, July 10, 2008 10:45 AM
To: Mariano, Michael
Subject: Notice- Woods 16#1 Well Site

RE: Woods 16 #1 Gas Well API #30-045-34696
Sec. 16D- T23N- R11W, San Juan County

Dear Mr. Mariano:

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

This email has been scanned by the MessageLabs Email Security System.
For more information please visit <http://www.messagelabs.com/email>



October 30, 2008

Scott Dawson
New Mexico State Land Office
Oil, Gas and Minerals Division
PO Box 1148
Santa Fe, NM 87504-1148
(505) 827-6628

Regarding: Woods 16 #1 Gas Well API #30-045-34696
Sec. 16D- T23N- R11W, San Juan County

Dear Mr. Dawson,

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

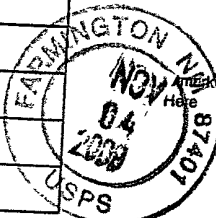
Cc: OCD
File

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
 Scott Dawson, N.M. State Land Office
 Oil, Gas & Minerals Division
 P.O. Box 1148
 Santa Fe, NM 87504

PS Form 3800, June 2002

See Reverse for Instructions

- SENDER: COMPLETE THIS SECTION**
- 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:
 Scott Dawson
 N.M. State Land Division
 Oil, Gas & Mineral Division
 P.O. Box 1148
 Santa Fe, N.M. 87504

A. Signature ☒ Agent
☒ Addressee

B. Received by (Printed Name) C. Date of Delivery

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

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 4629

Tony Sternberger/FAR/CTOC

To Kim Champlin/FAR/CTOC@CTOC

11/24/2008 11:14 AM

cc

bcc

Subject 72 hr email notifications

Kim,

These are the wells I've been notified about. I talked w/Stephanne @ Rosenbaum and she will add you to this list.

Regards,

Tony L. Sternberger
Construction Supervisor
XTO Energy Inc.
San Juan District
San Juan Division
382 CR 3100
Aztec, NM 87410
Office: 505-333-3100
Fax: 505-333-3280
tony_sternberger@xtoenergy.com

----- Forwarded by Tony Sternberger/FAR/CTOC on 11/24/2008 11:07 AM -----



"Rosenbaum Construction
Co., Inc."
<rosenbaumconstruction@m
sn.com>

10/30/2008 10:13 AM

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

cc "Tony_Sternberger" <Tony_Sternberger@xtoenergy.com>

Subject 72 hour notice

Brandon,

This is our 72 hr. notice to solidify pit contents on an XTO Energy well site.
Woods 16-1
Township 23N, Range 11W, Section 16, Quarter Section NW

Thank you,

Stephanne Coats
Rosenbaum Construction
505-325-6367

----- Forwarded by Tony Sternberger/FAR/CTOC on 11/24/2008 11:07 AM -----



"Rosenbaum Construction
Co., Inc."
<rosenbaumconstruction@m
sn.com>

11/20/2008 03:01 PM

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

cc "Tony_Sternberger" <Tony_Sternberger@xtoenergy.com>

Subject 72 hr notice

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-08

CLIENT: XTO Energy
Lab Order: 0810036
Project: Reserve Pit Samples
Lab ID: 0810036-01

Client Sample ID: Woods 16 #1 Reserve Pit
Collection Date: 9/29/2008 1:45:00 PM
Date Received: 10/2/2008
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	10	10		mg/Kg	1	10/7/2008
Motor Oil Range Organics (MRO)	55	50		mg/Kg	1	10/7/2008
Surr: DNOP	92.5	61.7-135		%REC	1	10/7/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/12/2008 8:20:31 AM
Surr: BFB	85.9	58.8-123		%REC	1	10/12/2008 8:20:31 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	0.050		mg/Kg	1	10/12/2008 8:20:31 AM
Toluene	ND	0.050		mg/Kg	1	10/12/2008 8:20:31 AM
Ethylbenzene	ND	0.050		mg/Kg	1	10/12/2008 8:20:31 AM
Xylenes, Total	ND	0.10		mg/Kg	1	10/12/2008 8:20:31 AM
Surr: 4-Bromofluorobenzene	95.9	66.8-139		%REC	1	10/12/2008 8:20:31 AM
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	670	3.0		mg/Kg	10	10/9/2008 3:28:19 PM
EPA METHOD 418.1: TPH						Analyst: LRW
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	10/6/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- 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: 0810036

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB-17278		MBLK			Batch ID: 17278	Analysis Date: 10/9/2008 4:26:47 AM			
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-17278		LCS			Batch ID: 17278	Analysis Date: 10/9/2008 4:09:23 AM			
Chloride	14.61	mg/Kg	0.30	97.4	90	110			
Method: EPA Method 418.1: TPH									
Sample ID: MB-17274		MBLK			Batch ID: 17274	Analysis Date: 10/6/2008			
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-17274		LCS			Batch ID: 17274	Analysis Date: 10/6/2008			
Petroleum Hydrocarbons, TR	91.14	mg/Kg	20	91.1	82	114			
Sample ID: LCSD-17274		LCSD			Batch ID: 17274	Analysis Date: 10/6/2008			
Petroleum Hydrocarbons, TR	89.70	mg/Kg	20	89.7	82	114	1.59	20	
Method: EPA Method 8015B: Diesel Range Organics									
Sample ID: MB-17265		MBLK			Batch ID: 17265	Analysis Date: 10/7/2008			
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-17265		LCS			Batch ID: 17265	Analysis Date: 10/7/2008			
Diesel Range Organics (DRO)	50.42	mg/Kg	10	101	64.6	116			
Sample ID: LCSD-17265		LCSD			Batch ID: 17265	Analysis Date: 10/7/2008			
Diesel Range Organics (DRO)	51.21	mg/Kg	10	102	64.6	116	1.56	17.4	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: MB-17254		MBLK			Batch ID: 17254	Analysis Date: 10/12/2008 11:22:29 AM			
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-17254		LCS			Batch ID: 17254	Analysis Date: 10/12/2008 11:52:56 AM			
Gasoline Range Organics (GRO)	23.63	mg/Kg	5.0	94.5	69.5	120			
Method: EPA Method 8021B: Volatiles									
Sample ID: MB-17254		MBLK			Batch ID: 17254	Analysis Date: 10/12/2008 11:22:29 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-17254		LCS			Batch ID: 17254	Analysis Date: 10/12/2008 11:52:56 AM			
Benzene	0.3162	mg/Kg	0.050	113	78.8	132			
Toluene	2.185	mg/Kg	0.050	109	78.9	112			
Ethylbenzene	0.4510	mg/Kg	0.050	113	69.3	125			
Xylenes, Total	2.687	mg/Kg	0.10	117	73	128			

Qualifiers:

E	Value above quantitation range	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

Page 1

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

10/2/2008

Work Order Number 0810036

Received by: ARS

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?	4°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-09

CLIENT:	XTO Energy	Client Sample ID:	Re-Sample Woods16 #1 Reserve Pi
Lab Order:	0812504	Collection Date:	12/19/2008 12:45:00 PM
Project:	Reserve Pit Samples	Date Received:	12/23/2008
Lab ID:	0812504-01	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Chloride	27	3.0		mg/Kg	10	12/30/2008 1:59:55 PM

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: Reserve Pit Samples

Work Order: 0812504

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

Method: EPA Method 300.0: Anions

Sample ID: MB-17971

MBLK

Batch ID: 17971 Analysis Date: 12/30/2008 1:25:06 PM

Chloride

ND

mg/Kg

0.30

Sample ID: LCS-17971

LCS

Batch ID: 17971 Analysis Date: 12/30/2008 1:42:30 PM

Chloride

15.29

mg/Kg

0.30

102

90

110

Qualifiers:

E Estimated value

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

12/23/2008

Work Order Number 0812504

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?

3°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record				Turn-Around Time:	
Client: XTO ENERGY		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush		Project Name:	
Address: 382 ROAD 3100		RESERVE PIT SAMPLES			
AZTEC NM 87410		Project #: RE-SAMPLE			
Phone #: 505-333-3207		WOODS 16 #1 RESERVE PIT			
email or Fax#:		Project Manager:			
QA/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation) <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD (Type) _____		Sampler: MARTIN NEE		HEAL No.	
		Sample: KURT		0012504	
		Sample: KURT		-1	
Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
12/19	12:45	RE-SAMPLE WOODS 16 #1 RESERVE PIT	(1) 4oz JAR	ON ICE	
Date: 12/22	Time: 7:30	Relinquished by: Kurt Harkler			Received by: 1100
Date:	Time:	Relinquished by:			Received by: 12/23/03

Turn-Around Time:					
<input checked="" type="checkbox"/> Standard		<input type="checkbox"/> Rush			
Project Name:					
RESERVE PIT SAMPLES					
Project #: RE-SAMPLE					
WOODS 16 #1 RESERVE PIT					
Project Manager:					
MARTIN NEE					
Sampler: KUET					
On Site - NO					
Sample - YES					
Container Type and #	Preservative Type	HEAL No.			
(1) 4oz JAR	ON ICE	0812504	-1		
		Received by: [Signature] 1100			
		Received by: [Signature] 12/23/03			

E-MAIL RESULTS TO :

KuET Hoerstra

Kim Champion

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.

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. 30-045-34274
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" 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 Woods 16
4. Well Location Unit Letter D : 660 feet from the North line and 660 feet from the West line Section 16 Township 23N Range 11W NMPM County San Juan		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number
		10. Pool name or Wildcat

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Seed Temporary Pit Area <input checked="" type="checkbox"/>	

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 April 9, 2009 using BLM Seed Mix by drilling on the contour (disk and seed on 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:

July 15, 2008

Rig Release Date:

July 22, 2008

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

SIGNATURE Kim Champlin TITLE Sr Environmental Representative DATE July 8, 2009

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: Woods 16 #1

API No.: 3004534696

Legals:

Sec: 16D

Township: 23N

Range: 11W

Inspector's	Inspection	Any visible liner	Any fluid seeps/	HC's on top of	Temp. pit free of misc	Discharg 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)
Mike Hartsell	7/23/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	7/28/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	8/3/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	8/12/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	8/21/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	8/26/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	9/5/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	9/9/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	9/17/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	9/24/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	10/2/2008	No	No	No	Yes	Yes	Yes	No	< 2'
Mike Hartsell	10/6/2008	No	No	No	Yes	Yes	Yes	No	< 2'

Notes:

Provide Detailed Description: _____

Misc:

Woods 16 #1

