

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**

REV NOV 29 '11

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

OIL CONS. DIV.

DIST. 3

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 #5E
API Number: 30-045-34781 OCD Permit Number: _____
U/L or Qtr/Qtr: G Section: 10 Township: 26N Range: 11W County: San Juan
Center of Proposed Design: Latitude: 36 50405 Longitude: 107 98822 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 8-12

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

4.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume _____ bbl Type of fluid _____
Tank Construction material _____
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____ mil ☐ HDPE ☐ PVC ☐ Other _____

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

6.

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

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

7.

Netting: Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- ☐ Screen ☐ Netting ☐ Other _____
- ☐ Monthly inspections (If netting or screening is not physically feasible)

8.

Signs: Subsection C of 19.15.17.11 NMAC

- ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- ☒ Signed in compliance with 19.15.3.103 NMAC

9.

Administrative Approvals and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

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

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

10.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

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

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

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 indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: Envirotech

Disposal Facility Permit Number: NM01-0011

Disposal Facility Name: IEI

Disposal Facility Permit Number: NM01-0010B

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please provide the information below) ☒ No

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

- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17. **Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC

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

Ground water is less than 50 feet below the bottom of the buried waste.

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☒ No
☐ NA

Ground water is between 50 and 100 feet below the bottom of the buried waste

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☒ No
☐ NA

Ground water is more than 100 feet below the bottom of the buried waste.

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☒ Yes ☐ No
☐ NA

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☒ No

Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.

- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☒ No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within the area overlying a subsurface mine.

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☒ No

Within an unstable area.

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

☐ Yes ☒ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☒ No

18. **On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☒ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC
☒ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☒ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
☒ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

19.

Operator Application Certification:

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

Name (Print): Malia Villers Title: Permitting Tech.Signature: Malia Villers Date: October 20, 2010e-mail address: malia_villers@xtoenergy.com Telephone: (505) 333-3100

20.

OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)OCD Representative Signature: Jonathan D. Kelly Approval Date: 11/30/2011Title: Compliance Officer OCD Permit Number: _____

21.

Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*☒ Closure Completion Date: 8/12/11

22.

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

23.

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

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No*Required for impacted areas which will not be used for future service and operations*

- ☐
- Site Reclamation (Photo Documentation)
-
- ☐
- Soil Backfilling and Cover Installation
-
- ☐
- Re-vegetation Application Rates and Seeding Technique

24.

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

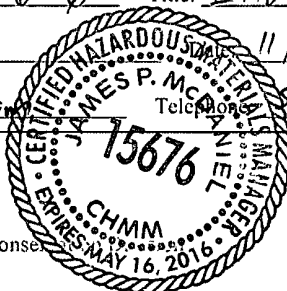
- ☒
- Proof of Closure Notice (surface owner and division)
-
- ☐
- Proof of Deed Notice (required for on-site closure)
-
- ☒
- Plot Plan (for on-site closures and temporary pits)
-
- ☒
- Confirmation Sampling Analytical Results (if applicable)
-
- ☒
- Waste Material Sampling Analytical Results (required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

On-site Closure Location: Latitude 36.50405 Longitude -107.98822 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) James McDaniel, CHMM #15676 Title: EH&S SupervisorSignature: JM Daniel Date: 11/23/11e-mail address: James.McDaniel@xtoenergy.com Telephone: 505-333-3701



"Powell, Brandon, EMNRD"
<Brandon.Powell@state.nm.us>

04/05/2011 09:08 AM

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

cc

bcc

Subject RE: OH Randel #5H

Malia-

This permit is approved.

Have a good day

Thank You
Brandon Powell
Environmental Specialist
New Mexico Oil Conservation
1000 Rio Brazos Rd, Aztec NM 87410
Office: (505) 334-6178 ext. 115
E-mail: Brandon.Powell@state.nm.us

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

From: Malia_Villers@xtoenergy.com [mailto:Malia_Villers@xtoenergy.com]
Sent: Tuesday, April 05, 2011 8:55 AM
To: Powell, Brandon, EMNRD
Cc: Diane_Jaramillo@xtoenergy.com
Subject: OH Randel #5H

Good morning Brandon,

The OH Randel #5H is on our drilling schedule.
Would you take a look at the pit permit and let me know if it is approved please?

(See attached file: OH Randel #5E. Prelim Pit Permit.pdf)

The name was changed to the OH Randel #5H in February 2011.

Thanks,

Malia Villers
Permitting Tech.
XTO Energy a subsidiary of ExxonMobil
Office: 505-333-3698
Cell: 505-787-7700
Fax: 505-333-3284
malia_villers@xtoenergy.com

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State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc	Contact: James McDaniel
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3701
Facility Name: O H Randel #5H (30-045-34781)	Facility Type: Gas Well

Surface Owner: Tribal (Navajo)	Mineral Owner:	Lease No.: NMNM-03153
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LOCATION OF RELEASE

Unit Letter G	Section 10	Township 26N	Range 11W	Feet from the 1970	North/South Line FNL	Feet from the 1790	East/West Line FEL	County San Juan
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Latitude: 36.50405 Longitude: -107.98822

NATURE OF RELEASE

Type of Release: None	Volume of Release: NA	Volume Recovered: NA
Source of Release: None	Date and Hour of Occurrence: NA	Date and Hour of Discovery: NA
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully *

Describe Cause of Problem and Remedial Action Taken *

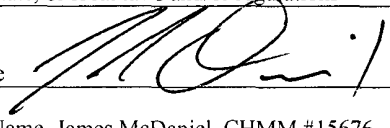
The drill pit at the O H Randel #5H was closed on 8/12/2011. A composite sample was collected from the pit pre-stabilization on July 27, 2011, and analyzed for the constituents listed in the 'pit rule'. The sample returned results at the 0.2 ppm benzene standard and below the 2500 ppm TPH standard, the 50 ppm total BTEX standard, and the 1,000 ppm total chloride standard, but returned results above the 500 ppm DRO/GRO standard at 586 ppm. After the contents of the drill pit had been stabilized, an additional composite sample was collected on August 16, 2011 from the drill pit. The sample was analyzed for DRO/GRO via USEPA Method 8015, and returned results below the 500 ppm regulatory standard. The contents of the drill pit were buried in place.

Describe Area Affected and Cleanup Action Taken *

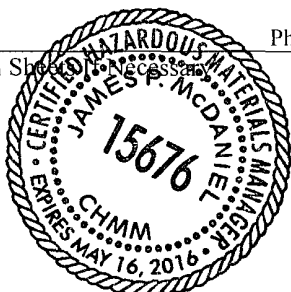
No release has occurred at this location.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor		
Printed Name: James McDaniel, CHMM #15676	Approval Date		
Title: EH&S Supervisor	Expiration Date		Attached <input type="checkbox"/>
E-mail Address: James.McDaniel@xtoenergy.com	Conditions of Approval		
Date: 11/23/2011	Phone: 505-333-3701		

* Attach Additional Sheet(s) if Necessary



XTO Energy Inc. San Juan Basin Closure Report

Lease Name: O H Randel #5H

API No.: 30-045-34781

Description: Unit G, Section 10, Township 26N, Range 11W, San Juan County, NM

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

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

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

Fluids were pulled from the reserve pit on July 7, 2011 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 April 5, 2011.

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

The surface owner was notified of on-site burial by email, October 10, 2010, and the BLM was notified by certified mail, return receipt requested, August 3, 2011 (attached). This notification was a mistake by an employee who is no longer with XTO Energy, Inc. In the future, surface owner notifications will go to the surface owner of record for the temporary pit.

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 4, 2011. Pit closed August 12, 2011.

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

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

Notification was sent to the Aztec Office of the OCD on August 3, 2011. Closure activities began on August 9, 2011.

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

parts clean soil to 1 part pit contents

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

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

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

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

A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). (Sample results attached).

Components	Test Method	Limit (mg/Kg)	Results (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2	0.20
BTEX	EPA SW-846 8021B or 8260B	50	2.75
TPH	EPA SW-846 418.1	2500	190
GRO/DRO	EPA SW-846 8015M	500	586 (pre) – 10 (post)
Chlorides	EPA 300.1	1000 or background	380

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

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

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

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

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

A C-103 is attached to this report. The site was reseeded using the BLM -10 seed mixture on September 27, 2011.

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

BLM of Forest Service stipulated seed mixes will be used on Federal Lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

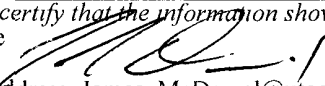
Notification via C-103 will be sent to OCD when the reclaimed area successfully achieves re-vegetation for two successive growing seasons.

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

The temporary pit was located with a steel marker cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker includes the operator's information. The marker was set in a way to not impede reclamation activities. The operator's information includes the following: XTO Energy Inc., O H Randel #5H, Sec. 10G-T26N-R11W "In Place Burial".

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

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

Submit To Appropriate District Office Two Copies District I 1625 N French Dr , Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd , Aztec, NM 87410 District IV 1220 S St Francis Dr , Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 July 17, 2008 1. WELL API NO 30-045-34781 2 Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN 3 State Oil & Gas Lease No NMNM-03153								
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 O H Randel 6 Well Number 5H								
7 Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8 Name of Operator XTO Energy, Inc.		9 OGRID 5380								
10 Address of Operator 382 County Road 3100 Aztec, New Mexico 87410 505-333-3100		11 Pool name or Wildcat								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										
13 Date Spudded	14 Date T D Reached	15 Date Rig Released 7/4/2011		16 Date Completed (Ready to Produce)			17 Elevations (DF and RKB, RT, GR, etc)			
18 Total Measured Depth of Well		19 Plug Back Measured Depth		20 Was Directional Survey Made?			21 Type Electric and Other Logs Run			
22 Producing Interval(s), of this completion - Top, Bottom, Name										
23 CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
24 LINER RECORD						25 TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET		PACKER SET		
26 Perforation record (interval, size, and number)					27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC					
					DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED		
28 PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)					Well Status (<i>Prod or Shut-in</i>)			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio			
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (<i>Corr</i>)				
29 Disposition of Gas (<i>Sold, used for fuel, vented, etc</i>)							30 Test Witnessed By			
31 List Attachments										
32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit attached										
33 If an on-site burial was used at the well, report the exact location of the on-site burial Latitude 36.50405 Longitude -107.98822 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  Printed Name: James McDaniel Title: EH&S Supervisor E-mail Address James_McDaniel@xtoenergy.com Date: 11/23/2011										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T Anhy	T. Canyon	T Ojo Alamo	T. Penn A "
T. Salt	T Strawn	T Kirtland	T. Penn "B"
B. Salt	T Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T Penn. "D"
T. 7 Rivers	T Devonian	T Cliff House	T. Leadville
T Queen	T. Silurian	T. Menefee	T. Madison
T Grayburg	T Montoya	T Point Lookout	T Elbert
T San Andres	T. Simpson	T. Mancos	T. McCracken
T Glorieta	T. McKee	T Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr Wash	T Dakota	
T.Tubb	T Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T Todilto	
T Abo	T.	T Entrada	
T Wolfcamp	T.	T Wingate	
T. Penn	T.	T Chinle	
T Cisco (Bough C)	T	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 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
⁴ Property Code	⁵ Property Name OH RANDEL		⁶ Well Number 5E
⁷ GRID No.	⁸ Operator Name XTO ENERGY INC.		⁹ Elevation 6379'

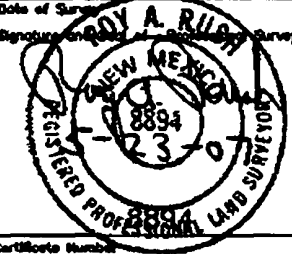
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	10	26-N	11-W		1970	NORTH	1790	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

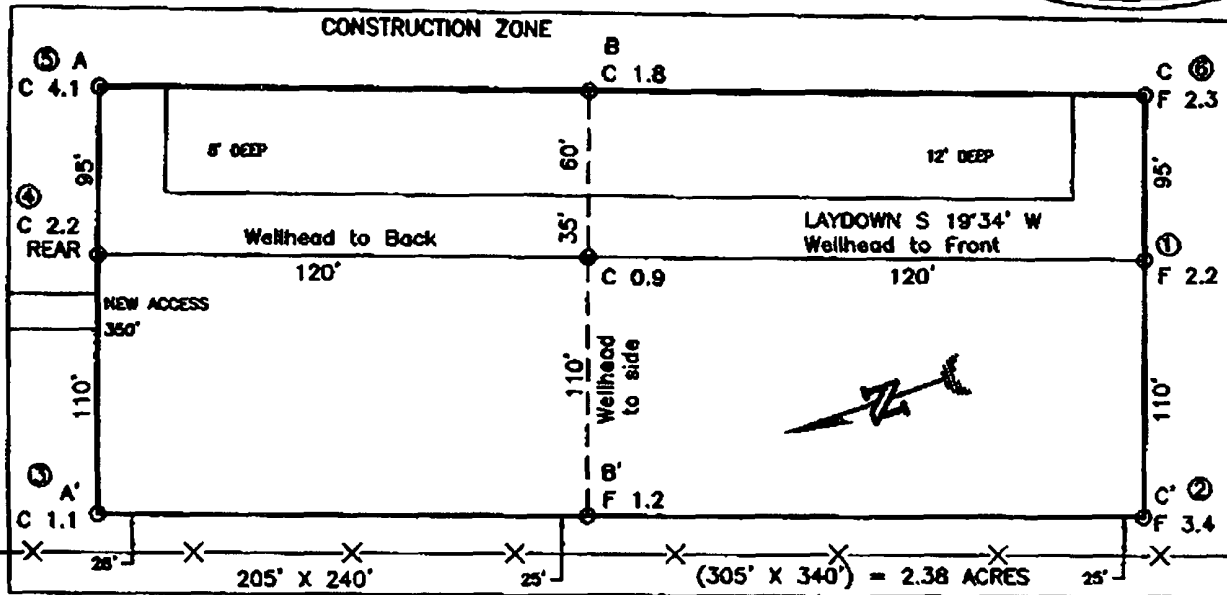
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres					¹³ Joint or Int'l		¹⁴ Consolidation Code		¹⁵ Order No.

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

<p>FD. 2 1/2" BC. 1830 GLO</p> <p>S 84-11-53 W 2636.50' (M)</p> <p>1970'</p> <p>1790'</p> <p>S 00-51-17 W 2647.60' (M)</p> <p>10</p> <p>LAT: 36.50405° N. (NAD 83) LONG: 107.98822° W. (NAD 83) LAT: 36°30'14.6" N. (NAD 27) LONG: 107°59'15.3" W. (NAD 27)</p> <p>FD. 2 1/2" BC. 1830 GLO</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unless mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MAY 10, 2007 Date of Survey</p> <p>Signature _____ Surveyor:</p> <p></p> <p>Certificate Number _____</p>
--	--

XTO ENERGY INC.
 OH RANDEL No. 5E, 1970 FNL 1790 FEL
 SECTION 10, T26N, R11W, N.M.P.M., SAN JUAN COUNTY, N. M.
 GROUND ELEVATION: 6379' DATE: MAY 10, 2007

MAD 83
 LAT. = 36.50405° N
 LONG. = 107.98822° W
 MAD 27
 LAT. = 36°30'14.6" N
 LONG. = 107°59'15.3" 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			
6390				
6380				
6370				
6360				

ELEV. B-B'	C/L			
6390				
6380				
6370				
6360				

ELEV. C-C'	C/L			
6390				
6380				
6370				
6360				

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

Daggett Enterprises, Inc.
 Surveying and Oil Field Services
 P. O. Box 18088 • Farmington, NM 87401
 Phone (505) 326-1772 • Fax (505) 326-8719
 NEW MEXICO L.S. No. 8884
 License 00532743
 Date 05/21/07



COVER LETTER

Thursday, August 04, 2011

James McDaniel
XTO Energy
382 County Road 3100
Aztec, NM 87410
TEL: (505) 333-3100
FAX (505) 333-3280
RE: OH Randal #005H

Order No.: 1107A70

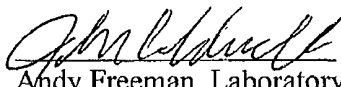
Dear James McDaniel:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 7/28/2011 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. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

for 
Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682



Hall Environmental Analysis Laboratory, Inc.

Date: 04-Aug-11

CLIENT: XTO Energy

Project: OH Randal #005H

Lab Order: 1107A70

CASE NARRATIVE

"S" flags denote that the surrogate was high due to matrix interferences.

Hall Environmental Analysis Laboratory, Inc.

Date: 04-Aug-11

Analytical Report

CLIENT: XTO Energy
Lab Order: 1107A70
Project: OH Randal #005H
Lab ID: 1107A70-01

Client Sample ID: Drill Pit
Collection Date: 7/27/2011 9:30:00 AM
Date Received: 7/28/2011
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	570	49		mg/Kg	1	8/3/2011 2:28:01 PM
Surr: DNOP	128	73.4-123	S	%REC	1	8/3/2011 2:28:01 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	16	4.8		mg/Kg	1	8/3/2011 4:33:33 PM
Surr: BFB	110	75.2-136		%REC	1	8/3/2011 4:33:33 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	0.20	0.048		mg/Kg	1	8/3/2011 4:33:33 PM
Toluene	0.64	0.048		mg/Kg	1	8/3/2011 4:33:33 PM
Ethylbenzene	0.31	0.048		mg/Kg	1	8/3/2011 4:33:33 PM
Xylenes, Total	1.6	0.097		mg/Kg	1	8/3/2011 4:33:33 PM
Surr: 4-Bromofluorobenzene	110	92-130		%REC	1	8/3/2011 4:33:33 PM
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	380	15		mg/Kg	10	7/28/2011 9:37:40 PM
EPA METHOD 418.1: TPH						Analyst: JB
Petroleum Hydrocarbons, TR	190	99		mg/Kg	1	7/29/2011

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: XTO Energy
Project: OH Randal #005H

Work Order: 1107A70

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions											
Sample ID: MB-27815		MBLK									
Chloride	ND	mg/Kg	1.5								
Sample ID: LCS-27815		LCS									
Chloride	14.51	mg/Kg	1.5	15	0	96.7	90	110			
Method: EPA Method 418.1: TPH											
Sample ID: MB-27813		MBLK									7/29/2011
Petroleum Hydrocarbons, TR	ND	mg/Kg	20								
Sample ID: LCS-27813		LCS									7/29/2011
Petroleum Hydrocarbons, TR	99.84	mg/Kg	20	100	0	99.8	87.8	115			
Sample ID: LCSD-27813		LCSD									7/29/2011
Petroleum Hydrocarbons, TR	97.18	mg/Kg	20	100	0	97.2	87.8	115	2.70	8.04	
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-27814		MBLK									7/29/2011 7:47:35 AM
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Sample ID: LCS-27814		LCS									7/29/2011 8:21:58 AM
Diesel Range Organics (DRO)	58.93	mg/Kg	10	50	0	118	66.7	119			
Sample ID: LCSD-27814		LCSD									7/29/2011 8:56:23 AM
Diesel Range Organics (DRO)	59.03	mg/Kg	10	50	0	118	66.7	119	0.176	18.9	
Method: EPA Method 8015B: Gasoline Range											
Sample ID: MB-27807		MBLK									7/29/2011 12:04:17 PM
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-27807		LCS									7/29/2011 11:08:03 AM
Gasoline Range Organics (GRO)	30.27	mg/Kg	5.0	25	0	121	88.8	124			
Method: EPA Method 8021B: Volatiles											
Sample ID: MB-27807		MBLK									7/29/2011 12:04:17 PM
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-27807		LCS									7/29/2011 11:35:26 AM
Benzene	0.9585	mg/Kg	0.050	1	0	95.9	83.3	107			
Toluene	1.030	mg/Kg	0.050	1	0	103	74.3	115			
Ethylbenzene	1.052	mg/Kg	0.050	1	0	105	80.9	122			
Xylenes, Total	3.132	mg/Kg	0.10	3	0	104	85.2	123			
Sample ID: LCS-27807		LCS									8/1/2011 4:12:44 PM
Benzene	0.9612	mg/Kg	0.050	1	0	96.1	83.3	107			
Toluene	1.021	mg/Kg	0.050	1	0	102	74.3	115			
Ethylbenzene	1.044	mg/Kg	0.050	1	0	104	80.9	122			
Xylenes, Total	3.183	mg/Kg	0.10	3	0	106	85.2	123			

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

7/28/2011

Work Order Number 1107A70

Received by: JMB II

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name Greyhound

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?

4.6°

<6° C Acceptable

If given sufficient time to cool

Number of preserved bottles checked for pH:

<2 >12 unless noted below.

COMMENTS

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

Chain-of-Custody Record		Turn-Around Time:	
Client: <u>XTO</u>		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Mailing Address: <u>382 CR 3100</u>		Project Name: <u>OH RANDAL #0054</u>	
<u>AZTEC NM 87400</u>		Project #:	
Phone #: <u>505 787 0519</u>		Project Manager:	
email or Fax#: <u>james_mcdaniel@xtoenergy.com</u>		<u>JAMES MCDANIEL</u>	
QA/QC Package:			
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)			
Accreditation		Sampler: <u>JOSHUA RICHNER</u>	
<input type="checkbox"/> NELAP <input type="checkbox"/> Other		On-Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> EDD (Type)		Sample Temperature: <u>21.6°C</u>	



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[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.

COVER LETTER

Friday, August 26, 2011

James McDaniel
XTO Energy
382 County Road 3100
Aztec, NM 87410
TEL: (505) 333-3100
FAX (505) 333-3280
RE: OH randal #5H

Order No.: 1108775

Dear James McDaniel:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 8/18/2011 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. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,


Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682

Hall Environmental Analysis Laboratory, Inc.

Date: 26-Aug-11

Analytical Report

CLIENT: XTO Energy Client Sample ID: Drill Pit
Lab Order: 1108775 Collection Date: 8/16/2011 4:45:00 PM
Project: OH randal #5H Date Received: 8/18/2011
Lab ID: 1108775-01 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	18	10		mg/Kg	1	8/22/2011 12:19:18 PM
Surr: DNOP	79.3	73.4-123		%REC	1	8/22/2011 12:19:18 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/22/2011 3:43:21 PM
Surr: BFB	92.8	75.2-136		%REC	1	8/22/2011 3:43:21 PM

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: XTO Energy
 Project: OH randal #5H

Work Order: 1108775

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-28127		MBLK									
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-28127		LCS									
Diesel Range Organics (DRO)	40.39	mg/Kg	10	50	0	80.8	66.7	119			
Sample ID: LCSD-28127		LCSD									
Diesel Range Organics (DRO)	41.07	mg/Kg	10	50	0	82.1	66.7	119	1.67	18.9	
Method: EPA Method 8015B: Gasoline Range											
Sample ID: MB-28120		MBLK									
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-28120		LCS									
Gasoline Range Organics (GRO)	28.59	mg/Kg	5.0	25	0	114	86.4	132			

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

8/18/2011

Work Order Number 1108775

Received by: DAM

Checklist completed by:

Signature

Sample ID labels checked by:

Initials

Date

8/18/11

MG

Matrix:

Carrier name: Client drop-off

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?

2.3°

<6° C Acceptable

If given sufficient time to cool.

Number of preserved
bottles checked for
pH.

<2 >12 unless noted
below

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

Client: XTO

Mailing Address: 390 CR 3100
AZTEL, NM 87410

Phone #: 505 787 0519

email or Fax#: james.medaniel@extraenergy.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

☒ Standard ☐ Rush

Project Name:

O H RANOC # 5 H

Project #:

Project Manager:

Sampler: JOSHUA KIRCHNER

On Ice: ☒ Yes ☐ No

Sample Temperature: ~ 3

Container Type and #	Material	Quantity	Remarks
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100

Preservative
Type

HEALING

BTEX + MTBE + TMB's (8021)

BTEX + MTBE + TPH (Gas only)

TPH Method 8015B (Gas/Diesel)

TPH (Method 418.1)

EDB (Method 504.1)

8310 (PNA or PAH)

RCRA 8 Metals

Anions (F, Cl, NO₃, NO₂)

9081 Doctidos / 808

(UOA) 90070

0270 (Serial-VOA)

[illegible]


Air Bubbles (Y or N)

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date:	Time:	Relinquished by:
3-2-11	1700	

Date:	Time:	Relinquished by:
8/18/11	1014	Christine Weeks

Received by:	Date	Time
Charles E. White	9/10/11	1756

Received by: Xand Date 8/18/11 Time 10:14

Remarks:

DRO : GRO Only

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.



Malia Villers /FAR/CTOC

10/20/2010 10:37 AM

To Arvin Trujillo

cc

bcc

Subject Notice - OH Randel #5E Well Site

RE: OH Randel #5E Gas Well
(G) Sec. 10, T26N, R11W, San Juan County, New Mexico

Dear Mr. Trujillo,

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

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

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



KimMarie Espinosa/FAR/CTOC

08/03/2011 03:04 PM

To brandon.powell@state.nm.us

cc

bcc James McDaniel/FAR/CTOC@CTOC, Scott Baxstrom/FAR/CTOC@CTOC, Brent
Beaty/FAR/CTOC@CTOC

Subject OH Randel #5H

Brandon,

Please accept this e-mail as the required notification for closure of the drill pit located at the OH Randel #5R well site (API # 30-045-34781) located in

Unit G, Section 10, Township 26N, Range 11W, San Juan County, NM. Closure activities are scheduled to begin Tuesday, August 9th, 2011

Thank you for your time in regards to this matter.

Kim-Marie Espinosa

Sr. Regulatory Compliance Technician

XTO Energy, Inc.

San Juan Division

382 CR 3100

Aztec, NM. 87410

505-333-3683

Cell 505-787-7670

Kim-Marie_Espinosa@xtoenergy.com



August 3, 2011

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

Regarding: OH Randel #5H - API #30-045-34781
Section 10G, Township 26N, Range 11W, San Juan County, NM

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) 333-3683

Respectfully submitted,

A handwritten signature in cursive script that reads 'Kim-Marie Espinosa'.

Kim-Marie Espinosa
Sr. Regulatory Compliance Technician
XTO Energy Inc.
San Juan Division

Cc: OCD
File

U.S. Postal Service TM
CERTIFIED MAIL TM 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	\$

FARMINGTON NM 87401
 Postmark Here
 3 AUG 2006
 USPS

Sent To Mark Kelly BLM
 Street, Apt. No., or PO Box No. 1235 LaPlata Hwy
 City, State, ZIP+4 Farmington NM 87401

PS Form 3800, August 2006 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

Mark Kelly
BLM
1235 LaPlata Hwy
Farmington, NM
87401

2 Article Number
 (Transfer from service label)

7010 1870 0003 3184 1468

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Charles Dhee

☐ Agent
☐ Addressee

B. Received by (Printed Name)

Charles Dhee

C. Date of Delivery

8/4/06

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

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

WELL API NO

30-045-34781

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

NMNM- 03153

7 Lease Name or Unit Agreement Name

O H Randel8 Well Number **5H**9 OGRID Number **5380**

10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

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

1 Type of Well: Oil Well ☐ Gas Well ☒ Other2. Name of Operator **XTO Energy, Inc.**

3 Address of Operator

382 County Road 3100, Aztec, New Mexico 87410

4. Well Location

Unit Letter **G** : **1970** feet from the **North** line and **1790** feet from the **East** line
Section **10** Township **26N** Range **11W** NMPM **San Juan** County

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

6379 Feet

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐OTHER **Reseed Drill Pit Area** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 19.15.7 14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The reclaimed area was reseeded using the BLM -10 seed mix on 9/27/2011.

Spud Date.

6/23/2011

Rig Release Date:

7/4/2011

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

SIGNATURE  TITLE **EH&S Supervisor** DATE **11/23/2011**Type or print name **James McDaniel** E-mail address. **James.McDaniel@xtoenergy.com** PHONE. **505-333-3701****For State Use Only**

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any).

XTO SUPERVISOR'S TEMPORARY PIT INSPECTION FORM

Well Name: OH Ranchel 5H Legals: Sec: 10 Township: 26N Range: 11W

API No.: 30-C-15-34781 Rig Name #1: AWS 777 Dates: 6/22/11 To: _____ Rig Name #2: From: _____ To: _____

XTO Inspector's Name	Inspection Date	Inspection Time	*Any liner breeches (Y/N)	**Any fluids seeps spills (Y/N)	HC's on top of temp pit (Y/N)	T.Pit free of misc S Waste/Debris(Y/N)	Dischrg. Line Integrity (Y/N)	Fence Integrity (Y/N)	Any Dead (Y/N) Wildlife/Stock	Freeboard Est. (ft)
MAN	6/22/11	10:30	N	N	N	N	N/A	X	N	15'
MAN	6/23/11	12:30	N	N	N	N	N/A	X	N	15'
MAN	6/24/11	16:00	N	N	N	N	N/A	X	N	15'
MAN	6/25/11	18:30	N	N	N	N	N/A	X	N	15'
MAN	6/26/11	14:30	N	N	N	N	N/A	X	N	15'
MAN	6/27/11	09:00	N	N	N	N	N/A	X	N	15'
MAN	6-28-11	16:30	N	N	N	N	N/A	X	N	15'
MAN	6-29-11	12:30	N	N	N	N	N/A	X	N	15'
MAN	6-30-11	8:40	N	N	N	N	N/A	X	N	15'
MAN	7-1-11	11:15	N	N	N	N	N/A	X	N	15'
MAN	7-2-11	8:30	N	N	N	N	N/A	X	N	14'
MAN	7-3-11	11:00	N	N	N	N	N/A	X	N	14'

Notes: * Provide Detailed Description: TREE'S IN APRON w/ HITS MAKE OLD LEAK SET LINGE
TEAR ON APRON ON SURFACE PIT

** Provide Detailed Description and Location of any associated fluid seeps/discharges outside pit: _____

Misc: _____

TEMPORARY PIT INSPECTION FORM

Well Name: OH Randel 5-H

API No.: 30-045-34781

Legals: **Sec:** 10 G **Township:** 26N **Range:** 11W

Inspector's	Inspection	Any visible liner	Any fluid seeps/	HC's on top of	Temp pit free of misc	Discharge line	Fence	Any dead	Freeboard
Name	Date	breeches (Y/N)	spills (Y/N)	temp. pit (Y/N)	solid waste/debris (Y/N)	integrity (Y/N)	integrity (Y/N)	wildlife/stock (Y/N)	Est. (ft)
Luke McCollum	7/14/2011	N	N	N	Y	N/A	Y	N	8
Brent Beaty	7/19/2011	N	N	N	Y	N/A	Y	N	8
Luke McCollum	7/25/2011	N	N	N	Y	N/A	Y	N	8
1) Luke McCollum	8/2/2011	N	N	N	Y	N/A	Y	N	8
2) Luke McCollum	8/9/2011	N	N	N	Y	NA	Y	N	8
Luke McCollum	8/12/2011	Pit Closed							

Notes: Provide Detailed Description

Misc: 1) Pit ready for closure

 2) Closure scheduled 8/9/2011

XTO Energy, Inc.
O H Randel #5H
Section 10, Township 26N, Range 11W
Closure Date 8/12/2011



Photo 1: O H Randel #5H after Reclamation

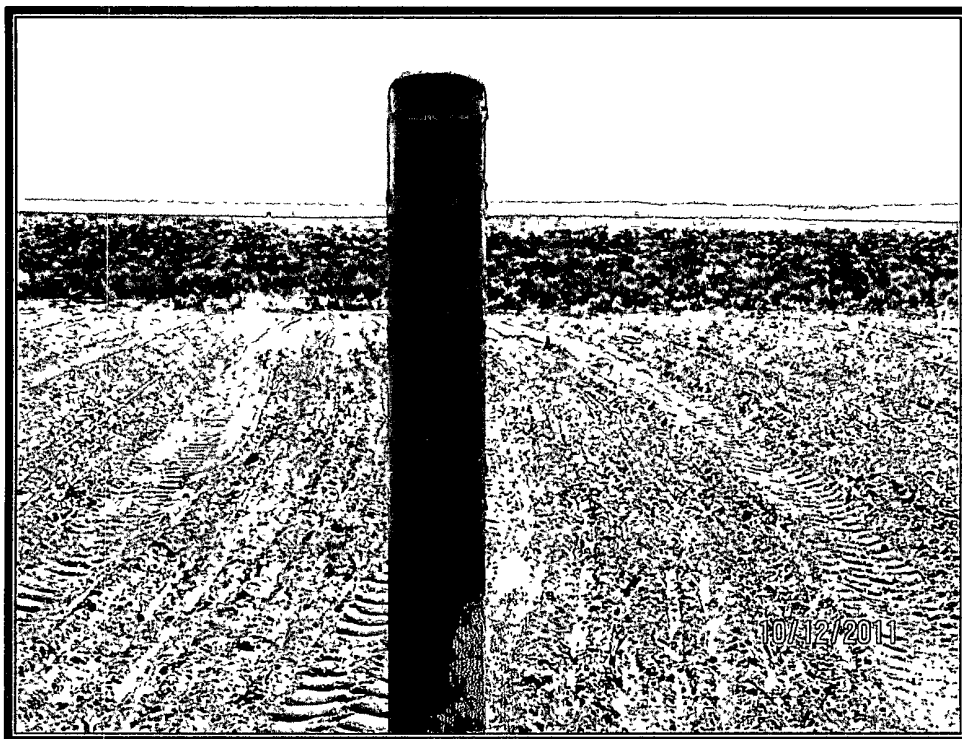


Photo 2: O H Randel #5H after Reclamation