

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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  
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.  
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or

12457 Proposed Alternative Method Permit or Closure Plan Application

OIL CONS. DIV DIST. 3

- Type of action:
- Below grade tank registration
  - Permit of a pit or proposed alternative method
  - Closure of a pit, below-grade tank, or proposed alternative method
  - Modification to an existing permit/or registration
  - Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

45-20668

DEC 11 2014

**Instructions: Please submit one application (Form C-144) per individual pit, 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 Road 3100 Aztec, NM 87410  
Facility or well name: Heaton 24  
API Number: 30-045-20668 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr E Section 30 Township 31N Range 11W County: San Juan  
Center of Proposed Design: Latitude 36.87342 Longitude -108.03675 NAD:  1927  1983  
Surface Owner:  Federal  State  Private  Tribal Trust or Indian Allotment

2.  
 **Pit:** Subsection F, G or J of 19.15.17.11 NMAC  
Temporary:  Drilling  Workover  
 Permanent  Emergency  Cavitation  P&A  Multi-Well Fluid Management Low Chloride Drilling Fluid  yes  no  
 Lined  Unlined Liner type: Thickness \_\_\_\_\_ mil  LLDPE  HDPE  PVC  Other \_\_\_\_\_  
 String-Reinforced  
Liner Seams:  Welded  Factory  Other \_\_\_\_\_ Volume: \_\_\_\_\_ bbl Dimensions: L \_\_\_\_\_ x W \_\_\_\_\_ x D \_\_\_\_\_

3.  
 **Below-grade tank:** Subsection I of 19.15.17.11 NMAC  
Volume: 21 bbl Type of fluid: Produced Water  
Tank Construction material: Steel  
 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 \_\_\_\_\_

4.  
 **Alternative Method:**  
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.  
**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 \_\_\_\_\_

6.

**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)

7.

**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 19.15.16.8 NMAC

8.

**Variations 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:*

- Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

**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. Siting criteria does not apply to drying pads or above-grade tanks.*

**General siting**

**Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.**

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

- Yes  No
- NA

**Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.**

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

- Yes  No
- NA

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. **(Does not apply to below grade tanks)**

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

- Yes  No

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)**

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

- Yes  No

Within an unstable area. **(Does not apply to below grade tanks)**

- 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. **(Does not apply to below grade tanks)**

- FEMA map

- Yes  No

**Below Grade Tanks**

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

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

- Yes  No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;

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

- Yes  No

**Temporary Pit using Low Chloride Drilling Fluid** (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

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

- Yes  No

Within 300 feet from a occupied 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 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

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

- Yes  No

Within 100 feet of a wetland.  
 - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  Yes  No

**Temporary Pit Non-low chloride drilling fluid**

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any 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 spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;  
 - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site  Yes  No

Within 300 feet of a wetland.  
 - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  Yes  No

**Permanent Pit or Multi-Well Fluid Management Pit**

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 1000 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 spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.  
 - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site  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

10. **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: \_\_\_\_\_

11. **Multi-Well Fluid Management Pit 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.*

- 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
- A List of wells with approved application for permit to drill associated with the pit.
- 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
- Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12.

**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 H<sub>2</sub>S, 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

13.

**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  Multi-well Fluid Management Pit  
 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

14.

**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 C 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 H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.

**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 require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

- |   |   |
|---|---|
| Ground water is less than 25 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).<br>- 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.<br>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application.<br>- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 feet of a wetland.<br>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 incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |

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 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

16. **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 E of 19.15.17.13 NMAC
- Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K 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 19.15.17.13 NMAC
- Waste Material Sampling Plan - based upon the appropriate requirements 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 H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17. **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: \_\_\_\_\_

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

OCD Representative Signature: Jonathan D. Kelly Approval Date: 12/23/2014

Title: Compliance Officer OCD Permit Number: \_\_\_\_\_

19. **Closure Report (required within 60 days of closure completion):** 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: November 5, 2014

20. **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.

21. **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 for private land only)
- 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

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Logan Hixon \_\_\_\_\_ Title: EHS Coordinator \_\_\_\_\_

Signature: Logan Hixon \_\_\_\_\_

Date: December 9, 2014

e-mail address: Logan\_Hixon@xtoenergy.com Telephone: (505) 333-3100 \_\_\_\_\_

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1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company: XTO Energy, Inc.	Contact: Logan Hixon	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683	
Facility Name: Heaton 24	Facility Type: Gas Well	
Surface Owner: Federal Land	Mineral Owner	API No. 30-045-20668

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	30	31N	11W	1500	FNL	990	FWL	San Juan

Latitude: N36\*.87342 Longitude: W-108\*.03675

**NATURE OF RELEASE**

Type of Release: Produced Water	Volume of Release: N/A	Volume Recovered: N/A
Source of Release: BGT	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: N/A
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
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 below grade tank was taken out of service at the Heaton 24 well site due to the P&A'ing of this well site. A composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418.1 and 8015, Benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for TPH, Benzene, Total BTEX and the total chlorides, confirming that a release has not occurred at this location.

Describe Area Affected and Cleanup Action Taken.\*

No release has been confirmed for 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.

Signature: <i>Logan Hixon</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Logan Hixon	Approved by Environmental Specialist:	
Title: EHS Coordinator	Approval Date:	Expiration Date:
E-mail Address: Logan.Hixon@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>December 9, 2014</u> Phone: 505-333-3683		

\* Attach Additional Sheets If Necessary

# **XTO Energy Inc. San Juan Basin Below Grade Tank Closure Report**

**Lease Name: Heaton 24**

**API No.: 30-045-20668**

**Description: Unit E, Section 30, Township 31N, Range 11W, San Juan County**

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of below-grade tanks on XTO Energy Inc. (XTO) locations. This is XTO's standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

## **General Plan**

1. XTO will close below-grade tanks within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the division requires because of imminent danger to fresh water, public health or the environment.  
**Closure Date is November 5, 2014**
2. XTO will close a below-grade tank that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC.  
**Closure Date is November 5, 2014**
3. XTO will close a permitted below-grade tank within 60 days of cessation of the below-grade tank's operation or as required by the transitional provisions of Subsection B of 19.15.17.17 NMAC in accordance with a closure plan that the appropriate division district office approves. The closure report will be filed on form C-144.  
**Required C-144 Form is attached to this document.**
4. XTO will remove liquids and sludge from below-grade tanks prior to implementing a closure method and will dispose of the liquids and sludge in a division-approved facility. Approved facilities and waste streams include:
  - Envirotech Permit No. NM01-0011 and IEI Permit No. NM 01-0010B
    - Soil contaminated by exempt petroleum hydrocarbons
    - Produced sand, pit sludge and contaminated bottoms from storage of exempt wastes
  - Basin Disposal Permit No. NM01-005
    - Produced water**All liquids and sludge were removed from the tank prior to closure activities.**
5. XTO will remove the below-grade tank and dispose of it in a division approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.  
**XTO has removed the below grade tank, and will dispose of it at a division approved facility, or recycle, reclaim or reuse it in a manner that is approved by the division.**

6. XTO will remove any on-site equipment associated with a below-grade tank unless the equipment is required for some other purpose.

**All equipment has been removed due to the plugging and abandoning of the Heaton 24 well site.**

7. XTO will test the soils beneath the below-grade tank to determine whether a release has occurred. At a minimum 5 point composite sample will be collected along with individual grab samples from any area that is wet, discolored or showing other evidence of a release. Samples will be analyzed for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. XTO will notify the division of its results on form C-141.

**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	< 0.10 mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	< 0.10 mg/kg
TPH	EPA SW-846 418.1	100	<34.9 mg/kg
Chlorides	EPA 300.1	250 or background	64.6 mg/kg

8. If XTO or the division determines that a release has occurred, XTO will comply with 19.15.3.116 NMAC and 19.15.1.19NMAC as appropriate.

**No release has been confirmed at this location**

9. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, XTO will backfill the excavation with compacted, non-waste containing, earthen material; construct a division prescribed soil cover; recontour and re-vegetate the site.

**The pit cellar was backfilled using compacted, non-waste containing earthen material, with a division prescribed soil cover.**

10. Notice of Closure operations will be given to the Aztec Division District III office between 72 hours and one week prior to the start of closure activities via email or verbally.

The notification will include the following:

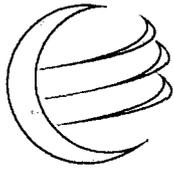
- i. Operator's name
- ii. Well Name and API Number
- iii. Location by Unit Letter, Section, Township, and Range

**Notification was provided to Mr. Brandon Powell with the Aztec office of the OCD via email on October 29, 2014; see attached email printout.**

The surface owner shall be notified of XTO's proposal to close the BGT as per the approved closure plan using certified mail, return receipt requested.

**The surface owner was notified on October 29, 2014 via email. Email has been approved as a means of surface owner notification to the BLM by Brandon Powell, NMOCD Aztec Office.**

11. Re-contouring of location will match fit, shape, line, form and texture of the surrounding area. Re-shaping will include drainage control, prevent ponding, and prevent erosion. 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 smooth surface, fitting the natural landscape.  
**The location will be recontoured to match the above specifications.**
12. A minimum of 4 feet of cover shall be achieved and the cover shall include 1 foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.  
**The site has been backfilled to match these specifications.**
13. XTO will seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or 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.  
**Site will be reclaimed pursuant to the BLM MOU.**
14. All closure activities will include proper documentation and be available for review upon request and will be submitted in closure report form to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on form C-144 and incorporate the following:
  - i. Proof of closure notice to division and surface owner; **attached**
  - ii. Details on capping and covering, where applicable; **per OCD Specifications**
  - iii. Inspection reports; **attached**
  - iv. Confirmation sampling analytical results; **attached**
  - v. Disposal facility name(s) and permit number(s); **see above**
  - vi. Soil backfilling and cover installation; **per OCD Specifications**
  - vii. Re-vegetation application rates and seeding techniques, (or approved alternative to re-vegetation requirements if applicable); **Per BLM MOU.**
  - viii. Photo documentation of the site reclamation. **attached**



# envirotech

Analytical Laboratory

## Analytical Report

### Report Summary

Client: XTO Energy Inc.  
Chain Of Custody Number: 0105  
Samples Received: 10/31/2014 1:31:00PM  
Job Number: 98031-0528  
Work Order: P410141  
Project Name/Location: Heaton 24

Entire Report Reviewed By:

Date: 11/4/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Heaton 24 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 04-Nov-14 12:53
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### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Composite	P410141-01A	Soil	10/31/14	10/31/14	Glass Jar, 4 oz.
	P410141-01B	Soil	10/31/14	10/31/14	Glass Jar, 4 oz.

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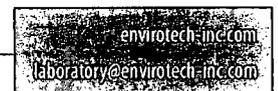


XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Heaton 24 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 04-Nov-14 12:53
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**BGT Composite  
P410141-01 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1444036	10/31/14	11/02/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1444036	10/31/14	11/02/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1444036	10/31/14	11/02/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1444036	10/31/14	11/02/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1444036	10/31/14	11/02/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1444036	10/31/14	11/02/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1444036	10/31/14	11/02/14	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PHD</i>		98.1 %		50-150	1444036	10/31/14	11/02/14	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	11.3	9.99	mg/kg	1	1444036	10/31/14	11/02/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	40.0	mg/kg	2	1444037	10/31/14	11/02/14	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		110 %		50-200	1444037	10/31/14	11/02/14	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-PHD</i>		89.3 %		50-150	1444036	10/31/14	11/02/14	EPA 8015D	
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	ND	34.9	mg/kg	1	1445008	11/03/14	11/03/14	EPA 418.1	
<b>Cation/Anion Analysis</b>									
Chloride	64.6	9.96	mg/kg	1	1444038	10/31/14	10/31/14	EPA 300.0	

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Heaton 24 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 04-Nov-14 12:53
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**Volatile Organics by EPA 8021 - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1444036 - Purge and Trap EPA 5030A**

Blank (1444036-BLK1)			Prepared & Analyzed: 31-Oct-14							
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.379		"	0.399		94.9	50-150			

LCS (1444036-BS1)			Prepared & Analyzed: 31-Oct-14							
Benzene	9380		ug/L	10000		93.8	75-125			
Toluene	9520		"	10000		95.2	70-125			
Ethylbenzene	9700		"	10000		97.0	75-125			
p,m-Xylene	19800		"	20000		99.0	80-125			
o-Xylene	9690		"	10000		96.9	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.393		mg/kg	0.399		98.5	50-150			

Matrix Spike (1444036-MS1)			Source: P410136-01		Prepared & Analyzed: 31-Oct-14					
Benzene	9890		ug/L	10000	3.05	98.8	75-125			
Toluene	10200		"	10000	216	100	70-125			
Ethylbenzene	10900		"	10000	395	105	75-125			
p,m-Xylene	24100		"	20000	3700	102	80-125			
o-Xylene	10800		"	10000	794	100	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.426		mg/kg	0.399		107	50-150			

Matrix Spike Dup (1444036-MSD1)			Source: P410136-01		Prepared & Analyzed: 31-Oct-14					
Benzene	9970		ug/L	10000	3.05	99.7	75-125	0.877	15	
Toluene	10300		"	10000	216	101	70-125	0.745	15	
Ethylbenzene	10700		"	10000	395	103	75-125	1.94	15	
p,m-Xylene	24000		"	20000	3700	101	80-125	0.444	15	
o-Xylene	11100		"	10000	794	103	75-125	2.84	15	
Surrogate: 4-Bromochlorobenzene-PID	0.429		mg/kg	0.399		107	50-150			

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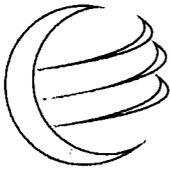
XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Heaton 24 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 04-Nov-14 12:53
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**Nonhalogenated Organics by 8015 - Quality Control**  
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1444036 - Purge and Trap EPA 5030A</b>										
<b>Blank (1444036-BLK1)</b>				Prepared & Analyzed: 31-Oct-14						
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.347		"	0.399		87.0	50-150			
<b>LCS (1444036-BS1)</b>				Prepared & Analyzed: 31-Oct-14						
Gasoline Range Organics (C6-C10)	148		mg/L	146		102	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.368		mg/kg	0.399		92.3	50-150			
<b>Matrix Spike (1444036-MS1)</b>				Source: P410136-01		Prepared & Analyzed: 31-Oct-14				
Gasoline Range Organics (C6-C10)	232		mg/L	146	96.2	93.1	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.427		mg/kg	0.399		107	50-150			
<b>Matrix Spike Dup (1444036-MSD1)</b>				Source: P410136-01		Prepared & Analyzed: 31-Oct-14				
Gasoline Range Organics (C6-C10)	230		mg/L	146	96.2	91.3	75-125	1.10	15	
Surrogate: 4-Bromochlorobenzene-FID	0.428		mg/kg	0.399		107	50-150			

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Analytical Laboratory

XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Heaton 24 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 04-Nov-14 12:53
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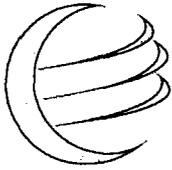
**Nonhalogenated Organics by 8015 - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1444037 - DRO Extraction EPA 3550M</b>										
<b>Blank (1444037-BLK1)</b>				Prepared & Analyzed: 31-Oct-14						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
<i>Surrogate: o-Terphenyl</i>	35.6		"	39.9		89.1	50-200			
<b>LCS (1444037-BS1)</b>				Prepared & Analyzed: 31-Oct-14						
Diesel Range Organics (C10-C28)	467	25.0	mg/kg	500		93.4	38-132			
<i>Surrogate: o-Terphenyl</i>	41.8		"	40.0		105	50-200			
<b>Matrix Spike (1444037-MS1)</b>				Source: P410137-01		Prepared & Analyzed: 31-Oct-14				
Diesel Range Organics (C10-C28)	432	25.0	mg/kg	499	41.3	78.2	38-132			
<i>Surrogate: o-Terphenyl</i>	33.5		"	39.9		83.9	50-200			
<b>Matrix Spike Dup (1444037-MSD1)</b>				Source: P410137-01		Prepared & Analyzed: 31-Oct-14				
Diesel Range Organics (C10-C28)	450	25.0	mg/kg	500	41.3	81.8	38-132	4.19	20	
<i>Surrogate: o-Terphenyl</i>	28.7		"	40.0		71.7	50-200			

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Analytical Laboratory

XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Heaton 24 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 04-Nov-14 12:53
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**Total Petroleum Hydrocarbons by 418.1 - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1445008 - 418 Freon Extraction**

<b>Blank (1445008-BLK1)</b>		Prepared & Analyzed: 03-Nov-14								
Total Petroleum Hydrocarbons	ND	34.9	mg/kg							
<b>Duplicate (1445008-DUPI)</b>		Source: P410141-01		Prepared & Analyzed: 03-Nov-14						
Total Petroleum Hydrocarbons	ND	34.9	mg/kg		ND				30	
<b>Matrix Spike (1445008-MS1)</b>		Source: P410141-01		Prepared & Analyzed: 03-Nov-14						
Total Petroleum Hydrocarbons	1790	34.9	mg/kg	2010	ND	89.1	80-120			

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Heaton 24 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 04-Nov-14 12:53
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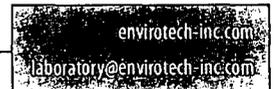
**Cation/Anion Analysis - Quality Control**  
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1444038 - Anion Extraction EPA 300.0**

<b>Blank (1444038-BLK1)</b>				Prepared & Analyzed: 31-Oct-14						
Chloride	ND	9.96	mg/kg							
<b>LCS (1444038-BS1)</b>				Prepared & Analyzed: 31-Oct-14						
Chloride	515	9.90	mg/kg	495		104	90-110			
<b>Matrix Spike (1444038-MS1)</b>				Source: P410135-01		Prepared & Analyzed: 31-Oct-14				
Chloride	539	9.86	mg/kg	493	20.5	105	80-120			
<b>Matrix Spike Dup (1444038-MSD1)</b>				Source: P410135-01		Prepared & Analyzed: 31-Oct-14				
Chloride	541	9.92	mg/kg	496	20.5	105	80-120	0.330	20	

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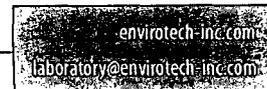


XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Heaton 24 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 04-Nov-14 12:53
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**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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**From:** Hixon, Logan  
**To:** [MARK KELLY \(mark\\_kelly@blm.gov\)](mailto:mark_kelly@blm.gov); [Smith, Cory, EMNRD](mailto:Smith_Cory_EMNRD)  
**Cc:** [McDaniel, James \(James\\_McDaniel@xtoenergy.com\)](mailto:McDaniel_James@xtoenergy.com); [Hoekstra, Kurt](mailto:Hoekstra_Kurt); [Espinosa, Tony](mailto:Espinosa_Tony); [Trujillo, Marcos](mailto:Trujillo_Marcos) ([Marcos\\_Trujillo@xtoenergy.com](mailto:Marcos_Trujillo@xtoenergy.com)); [Dawes, Thomas](mailto:Dawes_Thomas) ([Thomas\\_Dawes@xtoenergy.com](mailto:Thomas_Dawes@xtoenergy.com)); [Daniels, Melissa](mailto:Daniels_Melissa) ([Melissa\\_Daniels@xtoenergy.com](mailto:Melissa_Daniels@xtoenergy.com))  
**Subject:** 72 Hour BGT Closure Notification 10/29/14-11/5/14- Heaton 24 (30-045-20668)  
**Date:** Wednesday, October 29, 2014 7:31:00 AM

---

Mr. Smith & Mr. Kelly,

Please accept this email as the required 72 hour notification for BGT closure activities at the following site:

***-Heaton 24 (API 30-045-20668) located in Section 30 (B), Township 31N, Range 11W, San Juan County, New Mexico.***

This BGT is being closed due to the plugging and abandoning of this well site.

The closure plan was approved on October 28, 2014.

Work is tentatively scheduled for October 31, 2014 at approximately 1300.

If there is any unforeseen delays in closure of this BGT and it will not be closed within a week's time (November 5, 2014), a follow up email notification will be made for the change.

Thank you and have a good week!

***If you have any questions or concerns do not hesitate to contact me at anytime. Thank you and have a good day!***

***Thank You!***

**XTO ENERGY INC.**, an ExxonMobil subsidiary

Logan Hixon | 72 Suttle Street, Suite J | Durango, CO 81303 | ph: 970-247-7708 | Cell: 505-386-8018

Logan Hixon | 382 CR 3100 | Aztec, NM 87410 | ph: 505-333-3100 | [Logan\\_Hixon@xtoenergy.com](mailto:Logan_Hixon@xtoenergy.com)

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# Well Below Tank Inspection Report

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township			
DEN NM Run 54B	HEATON 024	McDowell, Jesse	Bramwell, Chris	HEATON LS 24	3004520688	30	11W	31N			
InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
jrodgers	08/21/2008	07:20	No	No	No	Yes	No	3			years of serv.
jrodgers	09/24/2008	07:00	No	No	No	Yes	No	3			years of serv.
jrodgers	10/23/2008	02:30	No	No	No	Yes	No	3	Compressor Water Pit	Below Ground	years of serv.
jrodgers	11/20/2008	10:00	No	No	No	Yes	No	2	Compressor Water Pit	Below Ground	years of serv.
jrodgers	12/27/2008	12:30	No	No	No	Yes	No	2	Compressor Water Pit	Below Ground	years of serv.
jrodgers	01/21/2009	12:00	No	No	No	Yes	No	1	Compressor Water Pit	Below Ground	years of serv.
jrodgers	02/21/2009	11:00	No	No	No	Yes	No	1	Compressor Water Pit	Below Ground	years of serv.
jrodgers	03/19/2009	02:30	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	04/23/2009	09:15	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	05/21/2009	10:00	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	06/25/2009	01:00	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	07/23/2009	12:30	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	08/24/2009	12:00	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	09/29/2009	12:00	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	10/19/2009	07:00	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	11/26/2009	10:53	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	12/29/2009	12:53	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	01/20/2010	11:30	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	years of serv.
jrodgers	02/08/2010	11:45	No	No	Yes	Yes	No	4	Compressor Water Pit	Below Ground	8' melting snow on loc. jr
jrodgers	04/01/2010	11:34	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	05/07/2010	11:48	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	06/01/2010	11:30	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	07/15/2010	08:49	No	No	No	Yes	No	3	Compressor Water Pit	Below Ground	good
jrodgers	08/09/2010	11:30	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	09/07/2010	07:48	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	10/01/2010	10:33	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	11/02/2010	02:12	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	12/07/2010	11:20	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	01/13/2011	10:27	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	02/07/2011	11:47	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	good
jrodgers	03/08/2011	02:24	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	new steel pit jr
jrodgers	04/06/2011	09:57	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	new steel pit jr
FLB	05/27/2011	10:17	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	
FLB	06/08/2011	09:08	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	
Jackie	07/20/2011	08:45	No	No	No	Yes	No	4	Compressor Water Pit	Below Ground	pit good jj
Jose	09/07/2011	12:10	No	No	No	No	No	5	Compressor Water Pit	Below Ground	pit good JV
Jose	10/05/2011	12:57	No	No	No	No	No	5	Compressor Water Pit	Below Ground	pit good JV
Jose	11/04/2011	10:46	No	No	No	No	No	5	Compressor Water Pit	Below Ground	pit good JV
Terry	01/31/2012	10:46	No	No	No	No	No	5	Compressor Water Pit	Below Ground	Pit good, TP
Terry	02/01/2012	10:46	No	No	No	No	No	5	Compressor Water Pit	Below Ground	Pit good, TP
Terry	03/01/2012	10:45	No	No	No	No	No	5	Compressor Water Pit	Below Ground	Pit good, TP
Terry	04/30/2012	09:45	No	No	No	No	No	5	Compressor Water Pit	Below Ground	Pit good, TP
Jesse McDowell	07/17/2012	09:00	No	No	No	No	No	6	Compressor Water Pit	Below Ground	0.0.0 In Pit JM
Jesse McDowell	09/04/2012	09:00	No	No	No	No	No	6	Compressor Water Pit	Below Ground	0.0.0 In Pit JM
Jesse McDowell	10/01/2012	01:35	No	No	No	No	No	6	Compressor Water Pit	Below Ground	0.0.0 In Pit JM
Jesse McDowell	11/13/2012	01:10	No	No	No	No	No	6	Compressor Water Pit	Below Ground	0.0.0 In Pit JM
Jesse McDowell	12/04/2012	08:45	No	No	No	No	No	6	Compressor Water Pit	Below Ground	0.0.0 In Pit JM
Jesse McDowell	01/01/2013	01:40	No	No	No	No	No	6	Compressor Water Pit	Below Ground	0.0.0 In Pit JM
Jesse McDowell	03/06/2013	01:40	No	No	No	No	No	6	Compressor Water Pit	Below Ground	0.0.0 In Pit JM
Jesse McDowell	04/02/2013	04:00	No	No	No	No	No	6	Compressor Water Pit	Below Ground	0.5.0 in pit, good, JM
Jesse McDowell	05/01/2013	10:25	No	No	No	No	No	5	Compressor Water Pit	Below Ground	0.6.0 in pit, good, JM
Jesse McDowell	06/07/2013	12:35	No	No	No	No	No	5	Compressor Water Pit	Below Ground	0.8.0 in pit, good, JM
Jesse McDowell	07/04/2013	08:35	No	No	No	No	No	5	Compressor Water Pit	Below Ground	0.8.0 in pit, good, JM
Jesse McDowell	08/06/2013	11:10	No	No	No	No	No	5	Compressor Water Pit	Below Ground	0.8.0 in pit, good, JM
Jesse McDowell	09/09/2013	01:00	No	No	No	No	No	5	Compressor Water Pit	Below Ground	0.8.0 in pit, good, JM
Jesse McDowell	10/04/2013	02:00	No	No	No	No	No	5	Compressor Water Pit	Below Ground	0.8.0 in pit, good, JM
Jesse McDowell	11/05/2013	02:35	No	No	No	No	No	5	Compressor Water Pit	Below Ground	0.8.0 in pit, good, JM
Jesse McDowell	12/05/2013	10:15	No	No	No	No	No	5	Compressor Water Pit	Below Ground	0.8.0 in pit, good, JM
Jesse McDowell	01/07/2014	10:45	No	No	No	No	No	5	Compressor Water Pit	Below Ground	1.7.0 IN PIT, GOOD, JM

XTO Energy, Inc.  
Heaton 24 (30-045-20668)  
Section 30 (E), Township 31N, Range 11W  
Closure Date: November 5, 2014



Photo 1: Heaton 24 after backfilling of BGT.

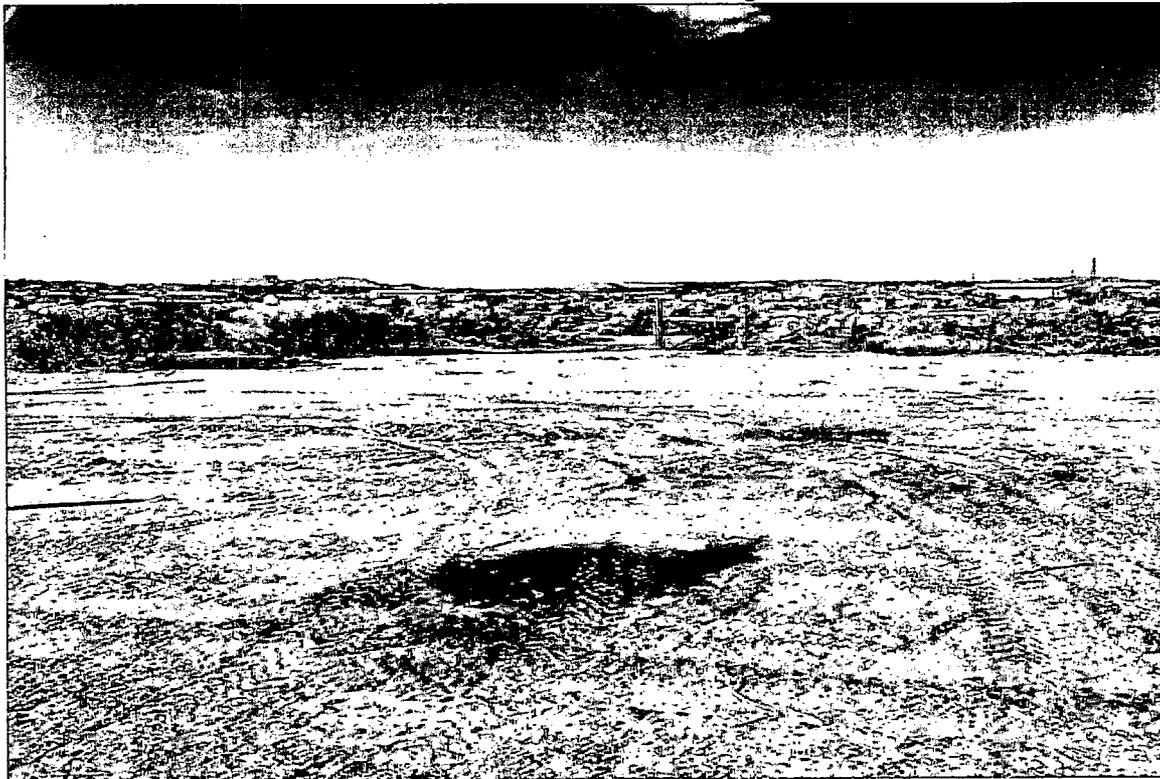


Photo 2: Heaton 24 after backfilling of BGT.

XTO Energy, Inc.  
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Section 30 (E), Township 31N, Range 11W  
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Photo 3: Heaton 24 after backfilling of BGT.



Photo 4: Heaton 24 after backfilling of BGT.