

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.

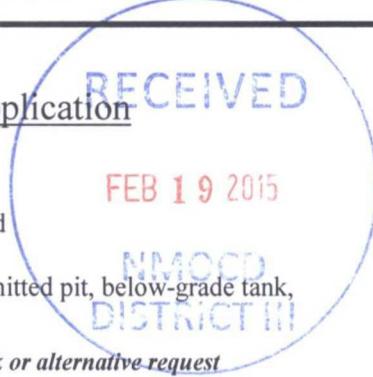
Pit, Below-Grade Tank, or

Proposed Alternative Method Permit or Closure Plan Application

12690

45-21125

- 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



**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, New Mexico 87410  
Facility or well name: Nocki # 1  
API Number: 30-045-21125 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr P Section 4 Township 25N Range 11W County: San Juan  
Center of Proposed Design: Latitude 36.425234 Longitude -108.003684 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: 120 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 Visible sidewalls, vaulted, automatic high-level shut off  
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: \_\_\_\_\_

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6.

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

- Screen  Netting  Other: Expanded metal or solid vaulted top
- 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

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

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: 3/24/2015

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: 2-3-15

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): Kurt Hoekstra Title: EHS Coordinator

Signature:  Date: 2-16-15

e-mail address: Kurt\_Hoekstra@xtoenergy.com Telephone: 505-333-3100

District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

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: Kurt Hoekstra
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100
Facility Name: Nocki # 1	Facility Type: Gas Well (Basin Dakota)

Surface Owner: Navajo Allotment	Mineral Owner	API No. 30-045-21125
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	4	25N	11W	1125	FSL	990	FEL	San Juan

Latitude: 36.425234 Longitude: -108.003684

**NATURE OF RELEASE**

Type of Release: N/A	Volume of Release: N/A	Volume Recovered: N/A
Source of Release: N/A	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?	
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 removed at the Nocki # 1 well site due to P & A of the well site. The BGT cellar beneath the BGT was sampled for TPH via USEPA Method 8015 and 418.1, for BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'pit rule' standards of 100 ppm TPH, 0.2 ppm benzene, 50 ppm total BTEX, and 250 ppm chlorides, confirming that a release has not occurred at this location.

Describe Area Affected and Cleanup Action Taken.\*No release has been confirmed at this location and no further action is required.

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

**OIL CONSERVATION DIVISION**

Signature: <i>Kurt Hoekstra</i>	Approved by Environmental Specialist:	
Printed Name: Kurt Hoekstra	Approval Date:	Expiration Date:
Title: EHS Coordinator	Conditions of Approval:	
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Attached <input type="checkbox"/>	
Date: 2-16-15 Phone: 505-333-3100		

\* Attach Additional Sheets If Necessary

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

**Lease Name:** Nocki # 1

**API No.:** 30-045-21125

**Description:** Unit P, Section 4, Township 25N, 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 February 3<sup>rd</sup>, 2015**
  
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 February 3<sup>rd</sup>, 2015**
  
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 will be removed due to the plugging and abandoning of the Nocki # 1 well.**

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 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 (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2	< 0.0030 mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	<0.0448 mg/kg
TPH	EPA SW-846 418.1	100	43 mg/kg
Chlorides	EPA 300.1	250 or background	160 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 for 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. Cory Smith with the Aztec office of the OCD via email on November 26<sup>th</sup>, 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 November 26<sup>th</sup>; 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 after the well has been P & A'd.**
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.  
**The location 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**
15. The closure date is past the one week notification requirement date due to unforeseen delays in the P & A activities at this well site.



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Est. 1970

Kurt Hoekstra  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

### Report Summary

Friday January 30, 2015

Report Number: L745248

Samples Received: 01/24/15

Client Project:

Description: Nock1 #1

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

Entire Report Reviewed By:

Daphne Richards , ESC Representative

#### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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

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REPORT OF ANALYSIS

January 30, 2015

Kurt Hoekstra  
 XTO Energy - San Juan Division  
 382 County Road 3100  
 Aztec, NM 87410

ESC Sample # : L745248-01

Date Received : January 24, 2015  
 Description : Nock1 #1

Site ID :

Sample ID : FARKH-012315-1300

Project # :

Collected By : Kurt  
 Collection Date : 01/23/15 13:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	160	12.	mg/kg	9056MOD	01/28/15	1
Total Solids	84.7		%	2540 G-2011	01/30/15	1
Benzene	BDL	0.0030	mg/kg	8021	01/26/15	5
Toluene	BDL	0.030	mg/kg	8021	01/26/15	5
Ethylbenzene	BDL	0.0030	mg/kg	8021	01/26/15	5
Total Xylene	BDL	0.0088	mg/kg	8021	01/26/15	5
TPH (GC/FID) Low Fraction	BDL	0.59	mg/kg	8015	01/26/15	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	91.7		% Rec.	8015	01/26/15	1
a,a,a-Trifluorotoluene (PID)	98.6		% Rec.	8021	01/26/15	1
TPH (GC/FID) High Fraction	11.	4.7	mg/kg	3546/DRO	01/28/15	1
Surrogate recovery(%)						
o-Terphenyl	65.3		% Rec.	3546/DRO	01/28/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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

The reported analytical results relate only to the sample submitted

Reported: 01/30/15 08:25 Printed: 01/30/15 08:25



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XTO Energy - San Juan Division  
Kurt Hoekstra  
382 County Road 3100

Quality Assurance Report  
Level II

January 30, 2015

Aztec, NM 87410

L745248

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzene	< .0005	mg/kg			WG766478	01/26/15 13:13
Ethylbenzene	< .0005	mg/kg			WG766478	01/26/15 13:13
Toluene	< .005	mg/kg			WG766478	01/26/15 13:13
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG766478	01/26/15 13:13
Total Xylene	< .0015	mg/kg			WG766478	01/26/15 13:13
a,a,a-Trifluorotoluene(FID)		% Rec.	91.80	59-128	WG766478	01/26/15 13:13
a,a,a-Trifluorotoluene(PID)		% Rec.	98.50	54-144	WG766478	01/26/15 13:13
TPH (GC/FID) High Fraction	< 4	mg/kg			WG766210	01/28/15 12:51
o-Terphenyl		% Rec.	81.00	50-150	WG766210	01/28/15 12:51
Chloride	< 10	mg/kg			WG766841	01/28/15 12:02
Total Solids	< .1	%			WG766932	01/30/15 08:19

Analyte	Units	Duplicate			Limit	Ref Samp	Batch
		Result	Duplicate	RPD			
Chloride	mg/kg	610.	584.	5.00	20	L745277-03	WG766841
Chloride	mg/kg	110.	115.	3.00	20	L745020-26	WG766841
Total Solids	%	81.1	81.1	0.00963	5	L745338-03	WG766932

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0446	89.1	70-130	WG766478
Ethylbenzene	mg/kg	.05	0.0475	95.0	70-130	WG766478
Toluene	mg/kg	.05	0.0462	92.4	70-130	WG766478
Total Xylene	mg/kg	.15	0.144	96.1	70-130	WG766478
a,a,a-Trifluorotoluene(PID)				98.20	54-144	WG766478
TPH (GC/FID) Low Fraction	mg/kg	5.5	4.71	85.6	63.5-137	WG766478
a,a,a-Trifluorotoluene(FID)				97.80	59-128	WG766478
TPH (GC/FID) High Fraction	mg/kg	60	48.6	81.0	50-150	WG766210
o-Terphenyl				76.90	50-150	WG766210
Chloride	mg/kg	200	212.	106.	80-120	WG766841
Total Solids	%	50	49.9	99.7	85-115	WG766932

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Benzene	mg/kg	0.0470	0.0446	94.0	70-130	5.35	20	WG766478
Ethylbenzene	mg/kg	0.0496	0.0475	99.0	70-130	4.42	20	WG766478
Toluene	mg/kg	0.0480	0.0462	96.0	70-130	3.93	20	WG766478
Total Xylene	mg/kg	0.150	0.144	100.	70-130	4.15	20	WG766478
a,a,a-Trifluorotoluene(PID)				98.20	54-144			WG766478
TPH (GC/FID) Low Fraction	mg/kg	4.82	4.71	88.0	63.5-137	2.41	20	WG766478
a,a,a-Trifluorotoluene(FID)				98.10	59-128			WG766478

\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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 Kurt Hoekstra  
 382 County Road 3100

Quality Assurance Report  
 Level II

January 30, 2015

Aztec, NM 87410

L745248

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	52.7	48.6	88.0 80.10	50-150 50-150	8.01	20	WG766210 WG766210
Chloride	mg/kg	215.	212.	108.	80-120	2.00	20	WG766841

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Benzene	mg/kg	0.219	0.000334	.05	88.0	49.7-127	L745078-05	WG766478
Ethylbenzene	mg/kg	0.232	0.000391	.05	93.0	40.8-141	L745078-05	WG766478
Toluene	mg/kg	0.229	0.000899	.05	91.0	49.8-132	L745078-05	WG766478
Total Xylene	mg/kg	0.702	0.00209	.15	93.0	41.2-140	L745078-05	WG766478
a,a,a-Trifluorotoluene (PID)					97.40	54-144		WG766478
TPH (GC/FID) Low Fraction	mg/kg	20.8	0.0	5.5	76.0	28.5-138	L745078-05	WG766478
a,a,a-Trifluorotoluene (FID)					95.70	59-128		WG766478
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	45.7	2.70	60	72.0 65.20	50-150 50-150	L745078-01	WG766210 WG766210
Chloride	mg/kg	602.	146.	500	91.0	80-120	L745248-01	WG766841

Analyte	Units	Matrix Spike Duplicate				Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec						
Benzene	mg/kg	0.220	0.219	88.0	49.7-127	0.410	23.5	L745078-05	WG766478	
Ethylbenzene	mg/kg	0.232	0.232	92.8	40.8-141	0.110	23.8	L745078-05	WG766478	
Toluene	mg/kg	0.226	0.229	90.0	49.8-132	1.14	23.5	L745078-05	WG766478	
Total Xylene	mg/kg	0.703	0.702	93.5	41.2-140	0.120	23.7	L745078-05	WG766478	
a,a,a-Trifluorotoluene (PID)					97.20	54-144			WG766478	
TPH (GC/FID) Low Fraction	mg/kg	22.0	20.8	79.9	28.5-138	5.38	23.6	L745078-05	WG766478	
a,a,a-Trifluorotoluene (FID)					95.80	59-128			WG766478	
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	47.9	45.7	75.4 69.20	50-150 50-150	4.81	20	L745078-01	WG766210 WG766210	
Chloride	mg/kg	573.	602.	85.4	80-120	5.00	20	L745248-01	WG766841	

Batch number / Run number / Sample number cross reference

WG766478: R3016451: L745248-01  
 WG766210: R3016926: L745248-01  
 WG766841: R3017013: L745248-01  
 WG766932: R3017231: L745248-01

\* \* Calculations are performed prior to rounding of reported values.  
 \* Performance of this Analyte is outside of established criteria.  
 For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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XTO Energy - San Juan Division  
Kurt Hoekstra  
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report  
Level II

L745248

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The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

January 28, 2015

Kurt Hoekstra  
XTO Energy  
382 County Road 3100  
Aztec, NM 87410  
TEL: (505) 333-3100  
FAX (555) 333-3280

RE: Nocki #1

OrderNo.: 1501872

Dear Kurt Hoekstra:

Hall Environmental Analysis Laboratory received 1 sample(s) on 1/24/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. 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. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

Analytical Report

Lab Order 1501872

Date Reported: 1/28/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy

Client Sample ID: BGT Cellar

Project: Nocki #1

Collection Date: 1/23/2015 1:00:00 PM

Lab ID: 1501872-001

Matrix: SOIL

Received Date: 1/24/2015 11:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 418.1: TPH</b>							Analyst: JME
Petroleum Hydrocarbons, TR	43	20		mg/Kg	1	1/28/2015 12:00:00 PM	17398

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1501872

28-Jan-15

Client: XTO Energy

Project: Nocki #1

Sample ID	<b>MB-17398</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 418.1: TPH</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>17398</b>	RunNo:	<b>23944</b>					
Prep Date:	<b>1/26/2015</b>	Analysis Date:	<b>1/28/2015</b>	SeqNo:	<b>706280</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID	<b>LCSD-17398</b>	SampType:	<b>LCSD</b>	TestCode:	<b>EPA Method 418.1: TPH</b>					
Client ID:	<b>LCSS02</b>	Batch ID:	<b>17398</b>	RunNo:	<b>23944</b>					
Prep Date:	<b>1/26/2015</b>	Analysis Date:	<b>1/28/2015</b>	SeqNo:	<b>706282</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	94	20	100.0	0	93.8	86.7	126	0	20	

Sample ID	<b>LCS-17398</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 418.1: TPH</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>17398</b>	RunNo:	<b>23944</b>					
Prep Date:	<b>1/26/2015</b>	Analysis Date:	<b>1/28/2015</b>	SeqNo:	<b>706285</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	94	20	100.0	0	93.8	86.7	126			

### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit



Hall Environmental Analysis Laboratory  
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 Albuquerque, NM 87109  
 TEL: 505-345-3975 FAX: 505-345-4107  
 Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: XTO Energy

Work Order Number: 1501872

RcptNo: 1

Received by/date: AT 01/24/15

Logged By: Lindsay Mangin 1/24/2015 11:30:00 AM *Judy Mangin*

Completed By: Lindsay Mangin 1/26/2015 9:03:54 AM *Judy Mangin*

Reviewed By: CS 01/26/15

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? Courier

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 8.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? Yes  No
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? Yes  No

# of preserved bottles checked for pH: \_\_\_\_\_  
 (<2 or >12 unless noted)  
 Adjusted? \_\_\_\_\_  
 Checked by: \_\_\_\_\_

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	No: Present			

20



## Hoekstra, Kurt

---

**From:** Hoekstra, Kurt  
**Sent:** Thursday, January 15, 2015 7:34 AM  
**To:** Mark Kelly (Mark\_Kelly@blm.gov); 'Cory.Smith@state.nm.us'  
**Cc:** McDaniel, James (James\_McDaniel@xtoenergy.com); Hixon, Logan; Trujillo, Marcos  
**Subject:** BGT Closure Notification Nocki # 1

Mr. Kelly & Mr. Smith,

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

Nocki 1 (API 30-045-21125) located in Section 4(P), Township 25N, Range 11W, San Juan County, New Mexico.

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

Work is tentatively scheduled for Wednesday January 21<sup>st</sup>, 2015 at 2:00 pm.

Thank You.

Kurt Hoekstra  
EHS Coordinator  
XTO Energy  
505-333-3202 Office  
505-486-9543 Cell  
[Kurt\\_Hoekstra@xtoenergy.com](mailto:Kurt_Hoekstra@xtoenergy.com)

Division Denver  
 Dates 06/01/2006 - 02/01/2015  
 Type Route Stop  
 Type Value N

RouteName DEN NM Run 42B	StopName NOCKI 001	Pumper Rvbacki, Dvlar	Foreman Trobough, Robert	WellName NOCKI 01	APIWellNumber 3004521125	Section 4	Ranoe 11W	Towns 25N				
InspectorName	Inspection Date	Inspection Time	Visible Line/Tear No	Visible Tank Leak No	Visible Tank Overflow No	Collection OfSurfaceRun No	Visible LayerOil Yes	Visible Leak No	Freeboard EstFT	PitLocation	PitType	Notes
Billy Pennington	08/27/2008	12:10	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	09/23/2008	09:23	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Billy Pennington	10/15/2008	13:08	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	11/22/2008	13:00	No	No	No	No	Yes	No	2	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	12/24/2008	08:00	No	No	No	No	Yes	No	2	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	01/15/2009	11:05	No	No	No	No	Yes	No	6	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	02/28/2009	12:11	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	03/11/2009	11:42	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	04/23/2009	11:31	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	05/30/2009	13:01	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	06/19/2009	12:18	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	07/29/2009	12:33	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	08/27/2009	13:49	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	09/17/2009	10:15	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	10/28/2009	09:59	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	11/15/2009	10:17	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	12/09/2009	10:49	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	01/19/2010	12:57	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	02/28/2010	12:00	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	03/25/2010	09:48	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	04/25/2010	12:09	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	05/12/2010	10:01	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	06/28/2010	11:55	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	07/29/2010	11:50	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	08/30/2010	12:20	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	09/05/2010	12:56	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	10/08/2010	13:01	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Nick Rvbacki	11/28/2010	14:09	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Brvan Parker	12/30/2010	14:53	No	No	No	No	Yes	No	1	Well Water Pit	Below Ground	oil is from compressor
Brvan Parker	01/31/2011	14:53	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Garv Derrera	02/13/2011	14:53	No	No	No	No	Yes	No	2	Well Water Pit	Below Ground	oil is from compressor
Garv Derrera	03/04/2011	14:53	No	No	No	No	Yes	No	1	Well Water Pit	Below Ground	oil is from compressor
Garv Derrera	04/05/2011	14:53	No	No	No	No	Yes	No	6	Well Water Pit	Below Ground	oil is from compressor
mk	04/26/2011	02:49	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor oil is from compressor
mk	05/04/2011	09:13	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
mk	6/2/2011	11:31	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
mk	7/1/2011	11:23	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
mk	8/4/2011	9:53	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
mk	9/1/2011	12:35	No	No	No	No	Yes	No	2	Well Water Pit	Below Ground	oil is from compressor
mk	10/5/2011	11:55	No	No	No	No	Yes	No	2	Well Water Pit	Below Ground	oil is from compressor
mk	11/4/2011	8:28	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
mk	12/14/2011	11:18	No	No	No	No	Yes	No	2	Well Water Pit	Below Ground	oil is from compressor
mk	1/6/2012	12:26	No	No	No	No	Yes	No	1	Well Water Pit	Below Ground	oil is from compressor
mk	2/3/2012	9:38	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
mk	3/12/2012	1:58	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
mk	4/3/2012	12:54	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
mk	5/3/2012	9:55	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
mk	6/6/2012	8:35	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
mk	7/3/2012	1:18	No	No	No	No	Yes	No	2	Well Water Pit	Below Ground	oil is from compressor
mk	8/7/2012	9:50	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
mk	9/5/2012	1:59	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
mk	10/9/2012	12:55	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
mk	11/1/2012	9:01	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
mk	12/11/2012	9:50	No	No	No	No	Yes	No	4	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	1/30/2013	9:02	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	2/19/2013	10:29	No	No	No	No	Yes	No	2	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	3/6/2013	7:32	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	4/2/2013	8:32	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	5/14/2013	3:07	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	6/3/2013	3:54	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	7/29/2013	10:24	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	8/28/2013	9:01	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	9/27/2013	2:04	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	10/31/2013	1:18	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	11/21/2013	10:37	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	12/23/2013	10:10	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	1/31/2014	9:01	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	2/5/2014	10:44	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	3/25/2014	10:41	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	4/25/2014	1:07	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	5/13/2014	9:34	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	6/26/2014	1:05	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	7/30/2014	2:51	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	8/28/2014	9:05	No	No	No	No	Yes	No	5	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	9/25/2014	9:55	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor
Dvian Rvbacki	10/28/2014	7:49	No	No	No	No	Yes	No	3	Well Water Pit	Below Ground	oil is from compressor

