

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application

12145
45-24963
Type of action: ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
☒ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
☐ Modification to an existing permit
☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank, or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations, or ordinances.

Operator: <u>XTO Energy, Inc.</u>		OGRID #: <u>5380</u>
Address: <u>382 Road 3100, Aztec, New Mexico 87410</u>		
Facility or well name: <u>Federal 31 # 31</u>		
API Number: <u>30-045-24963</u>		OCD Permit Number: <u>OIL CONS. DIV DIST. 3</u>
U/L or Qtr/Qtr <u>B</u>	Section <u>31</u>	Township <u>27N</u> Range <u>11W</u> County: <u>San Juan</u>
Center of Proposed Design: Latitude <u>36.33158</u> Longitude <u>-107.37868</u>		NAD: <input type="checkbox"/> 1927 <input checked="" type="checkbox"/> 1983
Surface Owner: <input checked="" type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Tribal Trust or Indian Allotment		

2.

☐ **Pit:** Subsection F or G of 19.15.17.11 NMAC

Temporary: ☐ Drilling ☐ Workover

☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A

☐ 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.

☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC

Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)

☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other _____

☐ Lined ☐ Unlined Liner type: Thickness _____ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____

Liner Seams: ☐ Welded ☐ Factory ☐ Other _____

4.

☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC

Volume: 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 ☐ Not-labeled

Liner type: Thickness _____ mil ☐ HDPE ☐ PVC ☐ Other _____

5.

☐ **Alternative Method:**

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

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

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

7. **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)

8. **Signs:** Subsection C of 19.15.17.11 NMAC

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

9. **Administrative Approvals and Exceptions:**

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

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

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

10. **Siting Criteria (regarding permitting):** 19.15.17.10 NMAC

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

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

11.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☒ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☒ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.

Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Previously Approved Design (attach copy of design) API Number: _____
☐ Previously Approved Operating and Maintenance Plan API Number: _____ (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

13.

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Climatological Factors Assessment
☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Quality Control/Quality Assurance Construction and Installation Plan
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Nuisance or Hazardous Odors, including H₂S, Prevention Plan
☐ Emergency Response Plan
☐ Oil Field Waste Stream Characterization
☐ Monitoring and Inspection Plan
☐ Erosion Control Plan
☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

14.

Proposed Closure: 19.15.17.13 NMAC**Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☒ Below-grade Tank ☐ Closed-loop System
☐ Alternative
 Proposed Closure Method: ☒ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15.

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

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
☒ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16.

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)**Instructions:** Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?☐ Yes (If yes, please provide the information below) ☐ No*Required for impacted areas which will not be used for future service and operations:*☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.

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

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

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

☐ Yes ☐ No
☐ NA

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

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

☐ Yes ☐ No
☐ NA

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

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

☐ Yes ☐ No
☐ NA

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

Within 500 feet of a wetland.

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

☐ Yes ☐ No

Within the area overlying a subsurface mine.

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

☐ Yes ☐ No

Within an unstable area.

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

☐ Yes ☐ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☐ No

18.

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

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

19.

Operator Application Certification:

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

Name (Print): Kurt Hoekstra Title: EHS Coordinator

Signature:  Date: 8-14-2014

E-mail address: Kurt.Hoekstra@xtoenergy.com Telephone: 505-333-3100

20.

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

OCD Representative Signature:  Approval Date: 9/11/2014

Title: Compliance Officer OCD Permit Number: _____

21.

Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC

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

☒ Closure Completion Date: 4-29-2014

22.

Closure Method:

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

23.

Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:

Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

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

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

24.

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

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

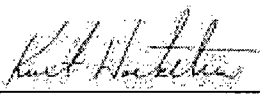
On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

25.

Operator Closure Certification:

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

Name (Print) Kurt Hoekstra Title: EHS Coordinator

Signature:  Date: 8-14-2014

E-mail address Kurt.Hoekstra@xtoenergy.com Telephone: 505-333-3100

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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: Federal 31 # 31	Facility Type: Gas Well (West Kutz P.C.)	
Surface Owner: Federal	Mineral Owner	API No.: 30-045-24963

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	31	27N	11W	790	FNL	1520	FEL	San Juan

Latitude 36.53677 Longitude -108.04125

NATURE OF RELEASE

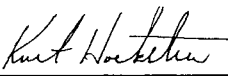
Type of Release: N/A	Volume of Release: N/A	Volume Recovered: N/A
Source of Release: N/A	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: N/A
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input 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 Federal 31 # 31 well site due to P & A of the location. The soil 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.

Signature: 		<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Kurt Hoekstra		Approved by Environmental Specialist:	
Title: EHS Coordinator	Approval Date:	Expiration Date:	
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 8-14-14 Phone: 505-333-3100			

* Attach Additional Sheets If Necessary

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

Lease Name: Federal 31 # 31

API No.: 30-045-24963

Description: Unit B, Section 31, Township 27N, 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 April 29th, 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 April 29th, 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 will be removed due to the plugging and abandoning of Federal 31 # 31 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 8021/8015	0.2	< 0.0026 mg/kg
BTEX	EPA SW-846 8021/8015	50	< 0.0389 mg/kg
TPH	EPA SW-846 418.1	100	56 mg/kg
Chlorides	EPA 9056	250 or background	< 10 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 site.

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 April 11th, 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 April 11th, 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.

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); **N/A**
 - 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.
16. This closure report is being submitted after the 60 day deadline required by the 'Pit Rule' due to a delay of final reclamation of this well site.

Hixon, Logan

From: Hixon, Logan
Sent: Friday, April 11, 2014 6:22 AM
To: Mike Halona (m_halona@frontiernet.net); BRANDON POWELL (brandon.powell@state.nm.us)
Cc: McDaniel, James; Hoekstra, Kurt
Subject: 72 Hour BGT Closure Notification- Federal 31-31 (30-045-24963)

Mike & Brandon,

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

-Federal 31-31 (API 30-045-24963) located in Section 31 (B), Township 27N, Range 11W, San Juan County, New Mexico.

This BGT is being closed due to the P&A'ing of this well site.

Thank you and have a good day!

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

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Analytical Report

Report Summary

Client: XTO Energy Inc.
Chain Of Custody Number: 0377
Samples Received: 4/10/2014 12:06:00PM
Job Number: 98031-0528
Work Order: P404031
Project Name/Location: Federal 31-31

Entire Report Reviewed By:

Draft

Date: 4/11/14

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: Federal 31-31
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
11-Apr-14 14:56

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Comp	P404031-01A	Soil	04/09/14	04/10/14	Glass Jar, 4 oz.

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Ph (970) 259-0615 Fr (800) 362-1879

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laboratory@envirotech-inc.com



XTO Energy Inc.	Project Name:	Federal 31-31	Reported: 11-Apr-14 14:56
382 CR 3100	Project Number:	98031-0528	
Aztec NM, 87410	Project Manager:	Logan Hixon	

DRAFT: BGT Comp
P404031-01 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						

DRAFT: Total Petroleum Hydrocarbons by 418.1

Total Petroleum Hydrocarbons	56.0	20.0	mg/kg	1	1415036	04/11/14	04/11/14	EPA 418.1	
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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Federal 31-31 Project Number: 98031-0528 Project Manager: Logan Hixon	Reported: 11-Apr-14 14:56
---	---	------------------------------

DRAFT: 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1415036 - 418 Freon Extraction

Blank (1415036-BLK1)		Prepared & Analyzed: 11-Apr-14								
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1415036-DUP1)		Source: P404030-01		Prepared & Analyzed: 11-Apr-14						
Total Petroleum Hydrocarbons	3310	20.0	mg/kg		2450			29.9	30	
Matrix Spike (1415036-MS1)		Source: P404030-01		Prepared & Analyzed: 11-Apr-14						
Total Petroleum Hydrocarbons	4800	200	mg/kg	2000	2450	118	80-120			

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Federal 31-31
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
11-Apr-14 14:56

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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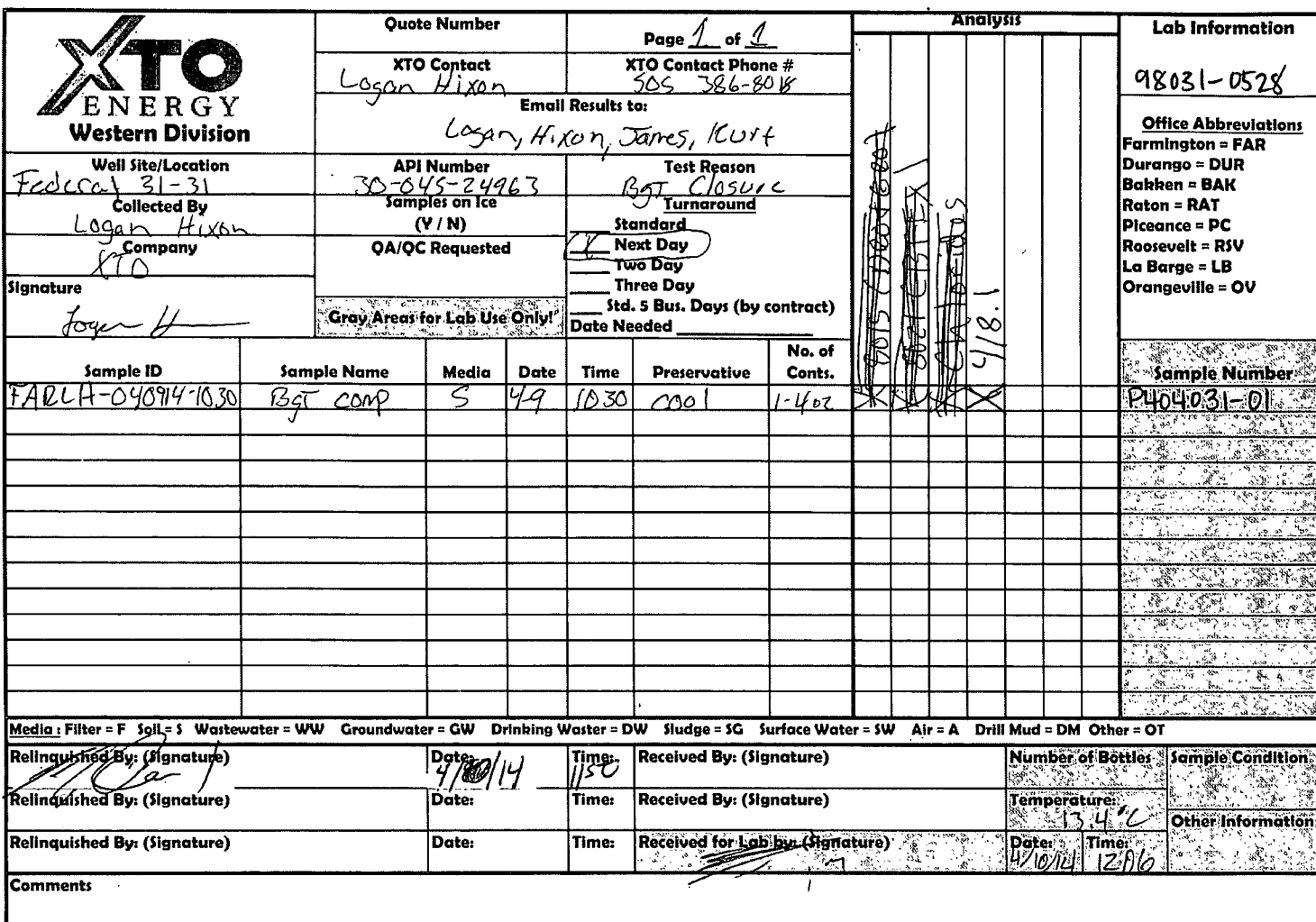
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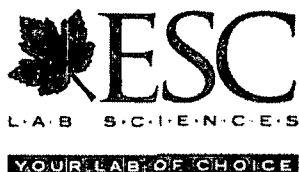
Ph (970) 259-0615 Fr (800) 362-1879

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* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

0377



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Tax I.D. 62-0814289

Est. 1970

Logan Hixon
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

Report Summary

Monday April 14, 2014

Report Number: L693175

Samples Received: 04/11/14

Client Project: 30-045-24963

Description: Federal 31-31

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:

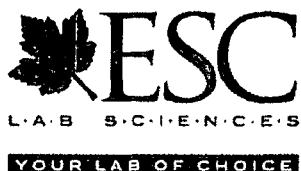
Daphne Richards , ESC Representative

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

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REPORT OF ANALYSIS

Logan Hixon
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

April 14, 2014

Date Received : April 11, 2014
Description : Federal 31-31
Sample ID : FARLH040914-1030
Collected By : Logan Hixon
Collection Date : 04/09/14 10:30

ESC Sample # : L693175-01

Site ID : FEDERAL 31-31

Project # : 30-045-24963

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	BDL	10.	mg/kg	9056	04/12/14	1
Total Solids	97.5		%	2540 G-2011	04/12/14	1
Benzene	BDL	0.0026	mg/kg	8021/8015	04/12/14	5
Toluene	BDL	0.026	mg/kg	8021/8015	04/12/14	5
Ethylbenzene	BDL	0.0026	mg/kg	8021/8015	04/12/14	5
Total Xylene	BDL	0.0077	mg/kg	8021/8015	04/12/14	5
TPH (GC/FID) Low Fraction	BDL	0.51	mg/kg	GRO	04/12/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	97.4		% Rec.	8021/8015	04/12/14	5
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021/8015	04/12/14	5
TPH (GC/FID) High Fraction	BDL	4.1	mg/kg	3546/DRO	04/13/14	1
Surrogate recovery(%)						
o-Terphenyl	90.9		% Rec.	3546/DRO	04/13/14	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 04/14/14 12:56 Printed: 04/14/14 12:57

Summary of Remarks For Samples Printed
04/14/14 at 12:57:14

TSR Signing Reports: 288
R2 - Rush: Next Day

Domestic Water Well Sampling-see L609759 Lobato for tests EDD's on ALL projects email James,
Kurt and Logan all reports

Sample: L693175-01 Account: XTORNM Received: 04/11/14 10:00 Due Date: 04/14/14 00:00 RPT Date: 04/14/14 12:56



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
Logan Hixon
382 County Road 3100
Aztec, NM 87410

Quality Assurance Report
Level II

L693175

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April 14, 2014

Analyte	Result	Laboratory Blank Units	% Rec	Limit	Batch	Date Analyzed
Total Solids	< .1	%			WG715632	04/12/14 09:55
Chloride	< 10	mg/kg			WG715706	04/12/14 11:17
TPH (GC/FID) High Fraction o-Terphenyl	< 4	mg/kg % Rec.	96.20	50-150	WG715730 WG715730	04/13/14 11:12 04/13/14 11:12
Benzene	< .0005	mg/kg			WG715377	04/12/14 19:26
Ethylbenzene	< .0005	mg/kg			WG715377	04/12/14 19:26
Toluene	< .005	mg/kg			WG715377	04/12/14 19:26
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG715377	04/12/14 19:26
Total Xylene	< .0015	mg/kg			WG715377	04/12/14 19:26
a,a,a-Trifluorotoluene (FID)		% Rec.	98.40	59-128	WG715377	04/12/14 19:26
a,a,a-Trifluorotoluene (PID)		% Rec.	103.0	54-144	WG715377	04/12/14 19:26

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	73.4	73.8	0.661	5	L693193-02	WG715632
Chloride	mg/kg	4300	4300	0.0	20	L693036-02	WG715706
Chloride	mg/kg	20.0	22.0	9.52	20	L693244-01	WG715706

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Total Solids	%	50	49.9	99.8	85-115	WG715632
Chloride	mg/kg	200	207.	104.	80-120	WG715706
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	60	54.1	90.2 95.60	50-150 50-150	WG715730 WG715730
Benzene	mg/kg	.05	0.0428	85.6	70-130	WG715377
Ethylbenzene	mg/kg	.05	0.0457	91.3	70-130	WG715377
Toluene	mg/kg	.05	0.0449	89.8	70-130	WG715377
Total Xylene	mg/kg	.15	0.140	93.0	70-130	WG715377
a,a,a-Trifluorotoluene (FID)				98.60	59-128	WG715377
a,a,a-Trifluorotoluene (PID)				103.0	54-144	WG715377
TPH (GC/FID) Low Fraction	mg/kg	5.5	4.46	81.0	63.5-137	WG715377
a,a,a-Trifluorotoluene (FID)				98.80	59-128	WG715377
a,a,a-Trifluorotoluene (PID)				111.0	54-144	WG715377

Analyte	Units	Laboratory Control Sample Duplicate Result Ref %Rec	Limit	RPD	Limit	Batch
Chloride	mg/kg	208. 207. 104.	80-120	0.482	20	WG715706
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	52.7 54.1 88.0 99.20	50-150 50-150	2.75	20	WG715730 WG715730

* 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
Logan Hixon
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
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April 14, 2014

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Benzene	mg/kg	0.0426	0.0428	85.0	70-130	0.400	20	WG715377
Ethylbenzene	mg/kg	0.0452	0.0457	90.0	70-130	0.950	20	WG715377
Toluene	mg/kg	0.0447	0.0449	89.0	70-130	0.490	20	WG715377
Total Xylene	mg/kg	0.139	0.140	92.0	70-130	0.730	20	WG715377
a,a,a-Trifluorotoluene (FID)				98.90	59-128			WG715377
a,a,a-Trifluorotoluene (PID)				103.0	54-144			WG715377
TPH (GC/FID) Low Fraction	mg/kg	4.63	4.46	84.0	63.5-137	3.85	20	WG715377
a,a,a-Trifluorotoluene (FID)				100.0	59-128			WG715377
a,a,a-Trifluorotoluene (PID)				111.0	54-144			WG715377

Analyte	Units	MS Res	Matrix Spike			Limit	Ref Samp	Batch
			Ref Res	TV	% Rec			
Chloride	mg/kg	801.	280.	500	100.	80-120	L693036-03	WG715706
TPH (GC/FID) High Fraction	mg/kg	48.4	3.31	60	75.0	50-150	L693256-01	WG715730
o-Terphenyl					96.70	50-150		WG715730
Benzene	mg/kg	0.209	0.000494	.05	84.0	49.7-127	L692513-03	WG715377
Ethylbenzene	mg/kg	0.222	0.000390	.05	88.0	40.8-141	L692513-03	WG715377
Toluene	mg/kg	0.222	0.00114	.05	88.0	49.8-132	L692513-03	WG715377
Total Xylene	mg/kg	0.676	0.00149	.15	90.0	41.2-140	L692513-03	WG715377
a,a,a-Trifluorotoluene (FID)					98.10	59-128		WG715377
a,a,a-Trifluorotoluene (PID)					102.0	54-144		WG715377
TPH (GC/FID) Low Fraction	mg/kg	20.0	0.0	5.5	73.0	28.5-138	L692513-03	WG715377
a,a,a-Trifluorotoluene (FID)					98.80	59-128		WG715377
a,a,a-Trifluorotoluene (PID)					109.0	54-144		WG715377

Analyte	Units	MSD	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec						
Chloride	mg/kg	793.	801.	103.		80-120	1.00	20	L693036-03	WG715706
TPH (GC/FID) High Fraction	mg/kg	47.6	48.4	73.8		50-150	1.67	20	L693256-01	WG715730
o-Terphenyl				104.0		50-150				WG715730
Benzene	mg/kg	0.216	0.209	86.2		49.7-127	3.05	23.5	L692513-03	WG715377
Ethylbenzene	mg/kg	0.228	0.222	90.8		40.8-141	2.66	23.8	L692513-03	WG715377
Toluene	mg/kg	0.226	0.222	89.9		49.8-132	1.82	23.5	L692513-03	WG715377
Total Xylene	mg/kg	0.695	0.676	92.5		41.2-140	2.72	23.7	L692513-03	WG715377
a,a,a-Trifluorotoluene (FID)				98.10		59-128				WG715377
a,a,a-Trifluorotoluene (PID)				102.0		54-144				WG715377
TPH (GC/FID) Low Fraction	mg/kg	22.0	20.0	79.9		28.5-138	9.15	23.6	L692513-03	WG715377
a,a,a-Trifluorotoluene (FID)				98.30		59-128				WG715377
a,a,a-Trifluorotoluene (PID)				110.0		54-144				WG715377

Batch number /Run number / Sample number cross reference

WG715632: R2903923: L693175-01

WG715706: R2904248: L693175-01

WG715730: R2904251: L693175-01

WG715377: R2904307: L693175-01

* 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.'



YOUR LAB OF CHOICE

XT0 Energy - San Juan Division
Logan Hixon
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L693175

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Tax I.D. 62-0814289

Est. 1970

April 14, 2014

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.

Well Below Tank Inspection Report

04/23/2014

Dates -
06/01/2008 - 04/01/2014

Type Route Stop

Type Value F

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township			
DEN NM Run 79	FEDERAL 31 31	Anderson, Rondale	Trobaugh, Robert	FEDERAL 031 31	3004524963	31	11W	27N			
InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
Larry Bingham	09/16/2008	02:20	No	No	No	No	No	3			
Larry Bingham	10/16/2008	03:10	No	No	No	No	No	2	Well Water Pit	Below Ground	
Larry Bingham	11/08/2008	10:20	No	No	No	No	No	2	Well Water Pit	Below Ground	
Larry Bingham	12/31/2008	03:20	No	No	No	No	No	2	Well Water Pit	Below Ground	
Larry Bingham	01/31/2009	03:00	No	No	No	No	No	2	Well Water Pit	Below Ground	
Larry Bingham	02/08/2009	03:05	No	No	No	No	No	2	Well Water Pit	Below Ground	
Larry Bingham	03/11/2009	01:20	No	No	No	No	No	1	Well Water Pit	Below Ground	
Larry Bingham	04/11/2009	02:50	No	No	No	No	No	1	Well Water Pit	Below Ground	
Larry Bingham	05/28/2009	06:00	No	No	No	No	No	1	Well Water Pit	Below Ground	
Larry Bingham	06/08/2009	10:35	No	No	No	No	No	1	Well Water Pit	Below Ground	
Larry Bingham	08/14/2009	08:30	No	No	No	No	No	2	Well Water Pit	Below Ground	
Larry Bingham	09/15/2009	11:40	No	No	No	No	No	2	Well Water Pit	Below Ground	
Larry Bingham	10/16/2009	11:20	No	No	No	No	No	2	Well Water Pit	Below Ground	
Larry Bingham	11/06/2009	01:05	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	04/05/2010	02:00	No	No	No	No	No	1	Well Water Pit	Below Ground	
RONDALE ANDERS	05/14/2010	02:45	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	05/16/2010	02:30	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	05/22/2010	01:30	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	05/27/2010	02:00	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	06/22/2010	01:30	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	07/02/2010	03:00	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	07/19/2010	03:00	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	07/27/2010	11:55	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	08/03/2010	01:30	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	08/16/2010	03:15	No	No	No	No	No	1	Well Water Pit	Below Ground	
RONDALE ANDERS	08/30/2010	03:15	No	No	No	No	No	1	Well Water Pit	Below Ground	
RONDALE ANDERS	09/09/2010	02:05	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	09/25/2010	10:45	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	10/10/2010	09:45	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	10/31/2010	09:45	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	11/30/2010	09:45	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	12/08/2010	03:05	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	12/30/2010	03:05	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	01/30/2011	12:34	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	02/28/2011	12:34	No	No	No	No	No	2	Well Water Pit	Below Ground	

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
RONDALE ANDERS	03/01/2011	03:30	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	03/06/2011	01:15	No	No	No	No	No	1	Well Water Pit	Below Ground	
RONDALE ANDERS	03/24/2011	12:08	No	No	No	No	No	1	Well Water Pit	Below Ground	
CARLOS MEDINA	04/25/2011	02:00	No	No	No	No	No	2	Well Water Pit	Below Ground	
CARLOS MEDINA	05/04/2011	02:28	No	No	No	No	No	2	Well Water Pit	Below Ground	
CARLOS MEDINA	6/7/2011	1:18	No	No	No	No	No	2	Well Water Pit	Below Ground	
CARLOS MEDINA	7/7/2011	1:20	No	No	No	No	No	2	Well Water Pit	Below Ground	
CARLOS MEDINA	8/4/2011	1:10	No	No	No	No	No	2	Well Water Pit	Below Ground	
CARLOS MEDINA	9/1/2011	10:20	No	No	No	No	No	2	Well Water Pit	Below Ground	
CARLOS MEDINA	10/7/2011	2:40	No	No	No	No	No	1	Well Water Pit	Below Ground	
CARLOS MEDINA	11/16/2011	11:45	No	No	No	No	No	2	Well Water Pit	Below Ground	
CARLOS MEDINA	12/1/2011	1:55	No	No	No	No	No	2	Well Water Pit	Below Ground	
CARLOS MEDINA	1/4/2012	15:15	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	2/8/2012	13:40	No	No	No	No	No	1	Well Water Pit	Below Ground	
CARLOS MEDINA	2/8/2012	15:15	No	No	No	No	No	1	Well Water Pit	Below Ground	
CARLOS MEDINA	3/9/2012	15:15	No	No	No	No	No	3	Well Water Pit	Below Ground	
CARLOS MEDINA	4/4/2012	14:00	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	5/9/2012	14:00	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	6/5/2012	14:20	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	7/5/2012	12:00	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	8/6/2012	12:15	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	9/5/2012	13:15	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	12/6/2012	12:15	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	1/31/2013	12:15	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	2/28/2013	12:15	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	3/8/2013	3:15	No	No	No	No	No	2	Well Water Pit	Below Ground	
Carlos Medina	4/11/2013	3:15	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	4/22/2013	12:47	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	5/8/2013	12:47	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	6/12/2013	2:47	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	6/18/2013	12:33	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	6/20/2013	12:26	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	7/1/2013	12:26	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	7/15/2013	2:02	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	7/23/2013	1:09	No	No	No	No	No	2	Well Water Pit	Below Ground	
RONDALE ANDERS	8/6/2013	12:02	No	No	No	No	No	1	Well Water Pit	Below Ground	
RONDALE ANDERS	8/13/2013	2:22	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	9/30/2013	2:22	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	10/31/2013	2:22	No	No	No	No	No	3	Well Water Pit	Below Ground	
RONDALE ANDERS	11/26/2013	2:22	No	No	No	No	No	3	Well Water Pit	Below Ground	

