

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

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOC District Office.
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOC District Office.
RECEIVED
NOV 25 PM 1 19

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

11535

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

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

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

1.
Operator: XTO Energy, Inc. OGRID #: 5380
Address: #382 County Road 3100, Aztec, NM 87410
Facility or well name: GERK GAS COM B # 1F
API Number: 30-045-31286 OCD Permit Number: _____
U/L or Qtr/Qtr O Section 19 Township 29N Range 09W County: San Juan
Center of Proposed Design: Latitude 36.70556 Longitude 107.81917 NAD: 1927 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment

2. OIL CONS. DIV DIST. 3
DEC 10 2013
 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 Other Visible sidewalls, vaulted, automatic high-level shut off, no liner
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 checked="" 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. (<i>Applies to temporary, emergency, or cavitation pits and below-grade tanks</i>) - 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. (<i>Applies to permanent pits</i>) - 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within a 100-year floodplain. - FEMA map | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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): Kim Champlin Title: Environmental Representative

Signature: Kim Champlin Date: 11/21/08

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

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

OCD Representative Signature: [Signature] Approval Date: 10/24/13

Title: Senior Hydrologist OCD Permit Number: [Signature]

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: 11-26-13

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: ENVIRONMENTAL COORDINATOR

Signature: Kurt Hoekstra Date: 11-26-13

e-mail address: Kurt_Hoekstra@xtoenergy.com Telephone: 505-333-3100

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | |
|---|--|
| Name of Company: XTO Energy, Inc. | Contact: Kurt Hoekstra |
| Address: 382 Road 3100, Aztec, New Mexico 87410 | Telephone No.: (505) 333-3100 |
| Facility Name: Gerk Gas Com B # 1F (30-045-31286) | Facility Type: Gas Well (Blanco Mesaverde) |

| | | |
|------------------------|----------------|---------------|
| Surface Owner: Private | Mineral Owner: | Lease No: Fee |
|------------------------|----------------|---------------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|----------|
| O | 19 | 29N | 9W | 656 | FSL | 2255 | FWL | San Juan |

Latitude: 36.70556 Longitude: -107.81917

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 Gerk Gas Com B # 1F well site due to facility upgrades at the well site. The BGT cellar beneath the BGT was sampled for TPH via USEPA Method 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, 10 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:  | OIL CONSERVATION DIVISION | |
| | Approved by District Supervisor: | |
| Printed Name: Kurt Hoekstra | Approval Date: | Expiration Date: |
| Title: Environmental Coordinator | Conditions of Approval: | |
| E-mail Address: Kurt_Hoekstra@xtoenergy.com | Attached <input type="checkbox"/> | |
| Date: 11-26-2013 Phone: 505-333-3100 | | |

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

Lease Name: Gerk Gas Com B # 1F

API No.: 30-045-31286

Description: Unit O, Section 19, Township 29N, Range 9W, San Juan County

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

General Plan

1. XTO will close below-grade tanks within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the division requires because of imminent danger to fresh water, public health or the environment.
Closure Date is November 26th, 2013
2. XTO will close a below-grade tank that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC.
Closure Date is November 26th, 2013
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 remain on location for the continued production of oil and gas.

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 | < 0.0027 mg/kg |
| BTEX | EPA SW-846 8021B or 8260B | 50 | 0.0406 mg/kg |
| TPH | EPA SW-846 418.1 | 100 | <19.9 mg/kg |
| Chlorides | EPA 300.1 | 250 or background | 76 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.

Due to TPH results of < 19.9 PPM, a release has not 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 replaced with a round metal cellar and the pit tank was reset. This BGT will be registered according to the June 2013 pit rule.

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

The notification will include the following:

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

Notification was provided to Mr. Brandon Powell with the Aztec office of the OCD via email on October 24th, 2013; see attached email printout.

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

The surface owner was notified on October 24th, 2013; see attached letter and return receipt.

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 site will continue to be used for oil and gas exploration and production operations. The site will be recontoured upon the plugging and abandoning of this well location.

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 BGT has been reset in a round metal cellar and will backfilled upon the well being P & A'd

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 continue to be used for daily operations pertaining to oil and gas explorations and production activities. The site will be reclaimed pursuant to surface owner specifications upon the plugging and abandoning of this well location.

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**

7009 2250 0003 8649 1956

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| | | |
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| Postage | \$ 40.45 | 0410 |
| Certified Fee | \$ 5.10 | 04 |
| Return Receipt Fee (Endorsement Required) | \$ 2.55 | OCT 24 2013 |
| Restricted Delivery Fee (Endorsement Required) | \$ 0.00 | |
| Total Postage & Fees | \$ 66.11 | 10/24/2013 |

Sent To John D. Kutz, SR + Satterfield Trust

Street, Apt. No.,
or PO Box No. 112 Brokenstone Trail

City, State, ZIP+4 Ivins, UT 84738 LH

PS Form 3800, August 2009 See Reverse for Instructions

SENDER COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

John D. Kutz SR + Satterfield Trust
112 N. Brokenstone Trail
Ivins, UT 84738

2. Article Number:
(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Dan Satterfield

Agent
 Addressee

B. Received by (Printed Name)
DAN SATTERFIELD

C. Date of Delivery
OCT 30 2013

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

3. Service Type

Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

7009 2250 0003 8649 1956

October 24th, 2013

John D Kutz Sr. & Satterfield Trust
112 N Brokenstone Trail
Ivins, UT 84738

Re: Gerk Gas Com B #1F

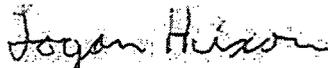
Unit O, Section 19, Township 29N, Range 9W, San Juan County, New Mexico

John D Kutz Sr. & Satterfield Trust,

This submittal is pursuant to Rule 19.15.17.13 requiring operators to notify surface owners of the closure of a below grade tank pit. XTO Energy, Inc. (XTO) is hereby providing written documentation of our proposal to close the below grade tank pit associated with the above mentioned well site by excavation and removal.

Should you have questions or require additional information, please feel free to contact me at your convenience at (505) 333-3100. Thank you for your time in regards to this matter.

Respectfully Submitted,

A handwritten signature in black ink that reads "Logan Hixon". The signature is written in a cursive style with a clear, legible font.

Logan Hixon
EHS Coordinator
XTO Energy, Inc.
Western Division

Hixon, Logan

From: Hixon, Logan
Sent: Thursday, October 24, 2013 11:01 AM
To: BRANDON POWELL (brandon.powell@state.nm.us); Jonathan Kelly (jonathan.kelly@state.nm.us)
Cc: McDaniel, James; Hoekstra, Kurt; Naegele, Otto
Subject: BGT Closure Notification: Federal Gas Com 1-1B (30-045-30032), Gerk Gas Com B-1F (30-045-31286), Hancock Gas Com-1E (30-045-25250)

Brandon,

Please accept this email as the required notification for BGT closure activities at the following sites:

-Federal Gas Com 1-1B (API 30-045-30032) located in Section 20 (B), Township 32N, Range 12W, San Juan County, New Mexico.

-Gerk Gas Com B-1F (API 30-045-31286) located in Section 19(O), Township 29N, Range 9W, San Juan County, New Mexico.

-Hancock Gas Com-1E (30-045-25250) Located in Section 15, Township 30N, Range 12W, San Juan County, New Mexico.

These BGT's are being closed due to upgrades of the well sites.



Thank You!
Logan Hixon
EHS Coordinator
Western Division
-382 CR 3100
Aztec NM 87410
Office (505)333-3683



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 16259

Samples Received: 10/23/2013 3:25:00PM

Job Number: 98031-0528

Work Order: P310093

Project Name/Location: Gerk Gas Com B #1F

Entire Report Reviewed By:

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

Date: 10/25/13

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: Gerk Gas Com B #1F Project Number: 98031-0528 Project Manager: Logan Hixon | Reported: 25-Oct-13 14:38 |
|---|--|------------------------------|

Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|-------------------|---------------|--------|----------|----------|------------------|
| FarLH-102313-1435 | P310093-01A | Soil | 10/23/13 | 10/23/13 | Glass Jar, 4 oz. |

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laboratory@envirotech-inc.com



| | | |
|---|--|-------------------------------------|
| XTO Energy Inc. 382 CR 3100 Aztec NM, 87410 | Project Name: Gerk Gas Com B #1F Project Number: 98031-0528 Project Manager: Logan Hixon | Reported: 25-Oct-13 14:38 |
|---|--|-------------------------------------|

FarLH-102313-1435
P310093-01 (Solid)

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|--|-------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |

Total Petroleum Hydrocarbons by 418.1

| | | | | | | | | | | |
|------------------------------|----|------|-------|---|---------|----------|----------|-----------|--|--|
| Total Petroleum Hydrocarbons | ND | 19.9 | mg/kg | 1 | 1343023 | 10/24/13 | 10/24/13 | EPA 418.1 | | |
|------------------------------|----|------|-------|---|---------|----------|----------|-----------|--|--|

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| | | |
|---|--|------------------------------|
| XTO Energy Inc. 382 CR 3100 Aztec NM, 87410 | Project Name: Gerk Gas Com B #1F Project Number: 98031-0528 Project Manager: Logan Hixon | Reported: 25-Oct-13 14:38 |
|---|--|------------------------------|

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 1343023 - 418 Freon Extraction | | | | | | | | | | |
| Blank (1343023-BLK1) Prepared & Analyzed: 24-Oct-13 | | | | | | | | | | |
| Total Petroleum Hydrocarbons | ND | 20.0 | mg/kg | | | | | | | |
| Duplicate (1343023-DUP1) Source: P310093-01 Prepared & Analyzed: 24-Oct-13 | | | | | | | | | | |
| Total Petroleum Hydrocarbons | ND | 20.0 | mg/kg | | ND | | | | 30 | |
| Matrix Spike (1343023-MS1) Source: P310093-01 Prepared & Analyzed: 24-Oct-13 | | | | | | | | | | |
| Total Petroleum Hydrocarbons | 553 | | mg/L | 500 | 1.00 | 110 | 80-120 | | | |

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| | | |
|---|--|-------------------------------------|
| XTO Energy Inc. 382 CR 3100 Aztec NM, 87410 | Project Name: Gerk Gas Com B #1F Project Number: 98031-0528 Project Manager: Logan Hixon | Reported: 25-Oct-13 14:38 |
|---|--|-------------------------------------|

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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Rush

CHAIN OF CUSTODY RECORD

16259

| | | | | | | | | | | | | | | | |
|---|--|-----------------------|--------------------|-------------------|---------------|----------------|-----|---------------|----------------|-------------|----------|--|--|-------------|---------------|
| Client: XTO | Project Name / Location: Gerik gascom B#1F | ANALYSIS / PARAMETERS | | | | | | | | | | | | | |
| Email results to: Logan Hixon @xtocenergy.com | Sampler Name: Logan Hixon | TPH (Method 8015) | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | | | Sample Cool | Sample Intact |
| Client Phone No.: (505) 386 8018 | Client No.: 98031-0528 | | | | | | | | | | | | | | |

| Sample No./ Identification | Sample Date | Sample Time | Lab No. | No./Volume of Containers | Preservative | | | TPH (Method 8015) | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | | | Sample Cool | Sample Intact | |
|----------------------------|-----------------|-------------|-----------------|--------------------------|------------------|-----|----------|-------------------|--------------------|-------------------|---------------|----------------|-----|---------------|----------------|-------------|----------|--|--|-------------|---------------|--|
| | | | | | HNO ₃ | HCl | Cool | | | | | | | | | | | | | | | |
| For LA-102313-1435 | 10-23-13 | 1435 | P3009301 | 1-402 | | | X | | | | | | | | | X | | | | Y | Y | |
| | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | |
|--|----------------------|----------------------|--|-------------------------|----------------------|
| Relinquished by: (Signature) <i>Logan Hixon</i> | Date 10/23 | Time 15:25 | Received by: (Signature) <i>[Signature]</i> | Date 10/23/13 | Time 15:25 |
| Relinquished by: (Signature) | | | Received by: (Signature) | | |
| Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/> | | | | | |

Sample(s) dropped off after hours to secure drop off area.

XRush X



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Est. 1970

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

| |
|---|
| <p style="text-align: center;">Report Summary</p> <p style="text-align: center;">Tuesday November 05, 2013</p> <p style="text-align: center;">Report Number: L665026</p> <p style="text-align: center;">Samples Received: 10/25/13</p> <p style="text-align: center;">Client Project:</p> <p style="text-align: center;">Description: Gerk Gas Com B #1F</p> |
|---|

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 R Richards*
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

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

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

November 05, 2013

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

Date Received : October 25, 2013
 Description : Gerk Gas Com B #1F
 Sample ID : FARLH-102313-1435
 Collected By : Logan Hixon
 Collection Date : 10/23/13 14:35

ESC Sample # : L665026-01

Site ID :

Project # :

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|--|------------|------------|--------|-------------|----------|------|
| Chloride | 76. | 11. | mg/kg | 9056 | 10/28/13 | 1 |
| Total Solids | 91.2 | 0.100 | % | 2540 G-2011 | 10/28/13 | 1 |
| Benzene | BDL | 0.0027 | mg/kg | 8021B | 10/25/13 | 5 |
| Toluene | BDL | 0.027 | mg/kg | 8021B | 10/25/13 | 5 |
| Ethylbenzene | BDL | 0.0027 | mg/kg | 8021B | 10/25/13 | 5 |
| Total Xylene | BDL | 0.0082 | mg/kg | 8021B | 10/25/13 | 5 |
| Surrogate Recovery(%) a,a,a-Trifluorotoluene(PID) | 104. | | % Rec. | 8021B | 10/25/13 | 5 |

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: 10/29/13 11:59 Revised: 11/05/13 16:40



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YOUR LAB OF CHOICE

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

Quality Assurance Report
 Level II

Aztec, NM 87410

November 05, 2013

L665026

| Analyte | Result | Laboratory Blank | | Limit | Batch | Date Analyzed |
|------------------------------|---------|------------------|-------|--------|----------|----------------|
| | | Units | % Rec | | | |
| Benzene | < .0005 | mg/kg | | | WG688983 | 10/25/13 15:30 |
| Ethylbenzene | < .0005 | mg/kg | | | WG688983 | 10/25/13 15:30 |
| Toluene | < .005 | mg/kg | | | WG688983 | 10/25/13 15:30 |
| Total Xylene | < .0015 | mg/kg | | | WG688983 | 10/25/13 15:30 |
| a,a,a-Trifluorotoluene (PID) | | % Rec. | 104.0 | 54-144 | WG688983 | 10/25/13 15:30 |
| Total Solids | < .1 | % | | | WG688969 | 10/28/13 11:45 |
| Chloride | < 10 | mg/kg | | | WG689134 | 10/28/13 19:01 |

| Analyte | Units | Result | Duplicate | | Limit | Ref Samp | Batch |
|--------------|-------|--------|-----------|-------|-------|------------|----------|
| | | | Duplicate | RPD | | | |
| Total Solids | % | 85.7 | 85.3 | 0.458 | 5 | L665024-01 | WG688969 |
| Chloride | mg/kg | 2500 | 2300 | 8.33 | 20 | L665277-04 | WG689134 |
| Chloride | mg/kg | 340. | 310. | 9.23 | 20 | L665285-02 | WG689134 |

| Analyte | Units | Laboratory Control Sample | | % Rec | Limit | Batch |
|------------------------------|-------|---------------------------|--------|-------|--------|----------|
| | | Known Val | Result | | | |
| Benzene | mg/kg | .05 | 0.0480 | 96.0 | 70-130 | WG688983 |
| Ethylbenzene | mg/kg | .05 | 0.0471 | 94.3 | 70-130 | WG688983 |
| Toluene | mg/kg | .05 | 0.0458 | 91.5 | 70-130 | WG688983 |
| Total Xylene | mg/kg | .15 | 0.141 | 94.3 | 70-130 | WG688983 |
| a,a,a-Trifluorotoluene (PID) | | | | 102.0 | 54-144 | WG688983 |
| Total Solids | % | 50 | 49.9 | 99.8 | 85-115 | WG688969 |
| Chloride | mg/kg | 200 | 219. | 110. | 80-120 | WG689134 |

| Analyte | Units | Laboratory Control Sample Duplicate | | | Limit | RPD | Limit | Batch |
|------------------------------|-------|-------------------------------------|--------|-------|--------|--------|-------|----------|
| | | Result | Ref | %Rec | | | | |
| Benzene | mg/kg | 0.0484 | 0.0480 | 97.0 | 70-130 | 0.790 | 20 | WG688983 |
| Ethylbenzene | mg/kg | 0.0472 | 0.0471 | 94.0 | 70-130 | 0.0400 | 20 | WG688983 |
| Toluene | mg/kg | 0.0461 | 0.0458 | 92.0 | 70-130 | 0.700 | 20 | WG688983 |
| Total Xylene | mg/kg | 0.142 | 0.141 | 94.0 | 70-130 | 0.320 | 20 | WG688983 |
| a,a,a-Trifluorotoluene (PID) | | | | 103.0 | 54-144 | | | WG688983 |
| Chloride | mg/kg | 198. | 219. | 99.0 | 80-120 | 10.1 | 20 | WG689134 |

| Analyte | Units | MS Res | Matrix Spike | | | % Rec | Limit | Ref Samp | Batch |
|------------------------------|-------|--------|--------------|-----|-------|----------|------------|----------|-------|
| | | | Ref Res | TV | | | | | |
| Benzene | mg/kg | 0.279 | 0.0 | .05 | 110. | 49.7-127 | L665024-01 | WG688983 | |
| Ethylbenzene | mg/kg | 0.267 | 0.0 | .05 | 110. | 40.8-141 | L665024-01 | WG688983 | |
| Toluene | mg/kg | 0.264 | 0.000741 | .05 | 100. | 49.8-132 | L665024-01 | WG688983 | |
| Total Xylene | mg/kg | 0.803 | 0.00117 | .15 | 110. | 41.2-140 | L665024-01 | WG688983 | |
| a,a,a-Trifluorotoluene (PID) | | | | | 98.30 | 54-144 | | WG688983 | |

* 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

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

Aztec, NM 87410

Quality Assurance Report
 Level II

L665026

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November 05, 2013

| Analyte | Units | MSD | Matrix Spike Ref | Duplicate %Rec | Limit | RPD | Limit | Ref Samp | Batch |
|-----------------------------|-------|-------|------------------|----------------|----------|------|-------|------------|----------|
| Benzene | mg/kg | 0.262 | 0.279 | 105. | 49.7-127 | 5.99 | 23.5 | L665024-01 | WG688983 |
| Ethylbenzene | mg/kg | 0.249 | 0.267 | 99.6 | 40.8-141 | 6.81 | 23.8 | L665024-01 | WG688983 |
| Toluene | mg/kg | 0.247 | 0.264 | 98.7 | 49.8-132 | 6.58 | 23.5 | L665024-01 | WG688983 |
| Total Xylene | mg/kg | 0.745 | 0.803 | 99.2 | 41.2-140 | 7.40 | 23.7 | L665024-01 | WG688983 |
| a,a,a-Trifluorotoluene(PID) | | | | 97.40 | 54-144 | | | | WG688983 |

Batch number / Run number / Sample number cross reference

WG688983: R2845460: L665026-01
 WG688969: R2846025: L665026-01
 WG689134: R2846465: L665026-01

* * 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

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

Aztec, NM 87410

Quality Assurance Report
Level II

L665026

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Tax I.D. 62-0814289

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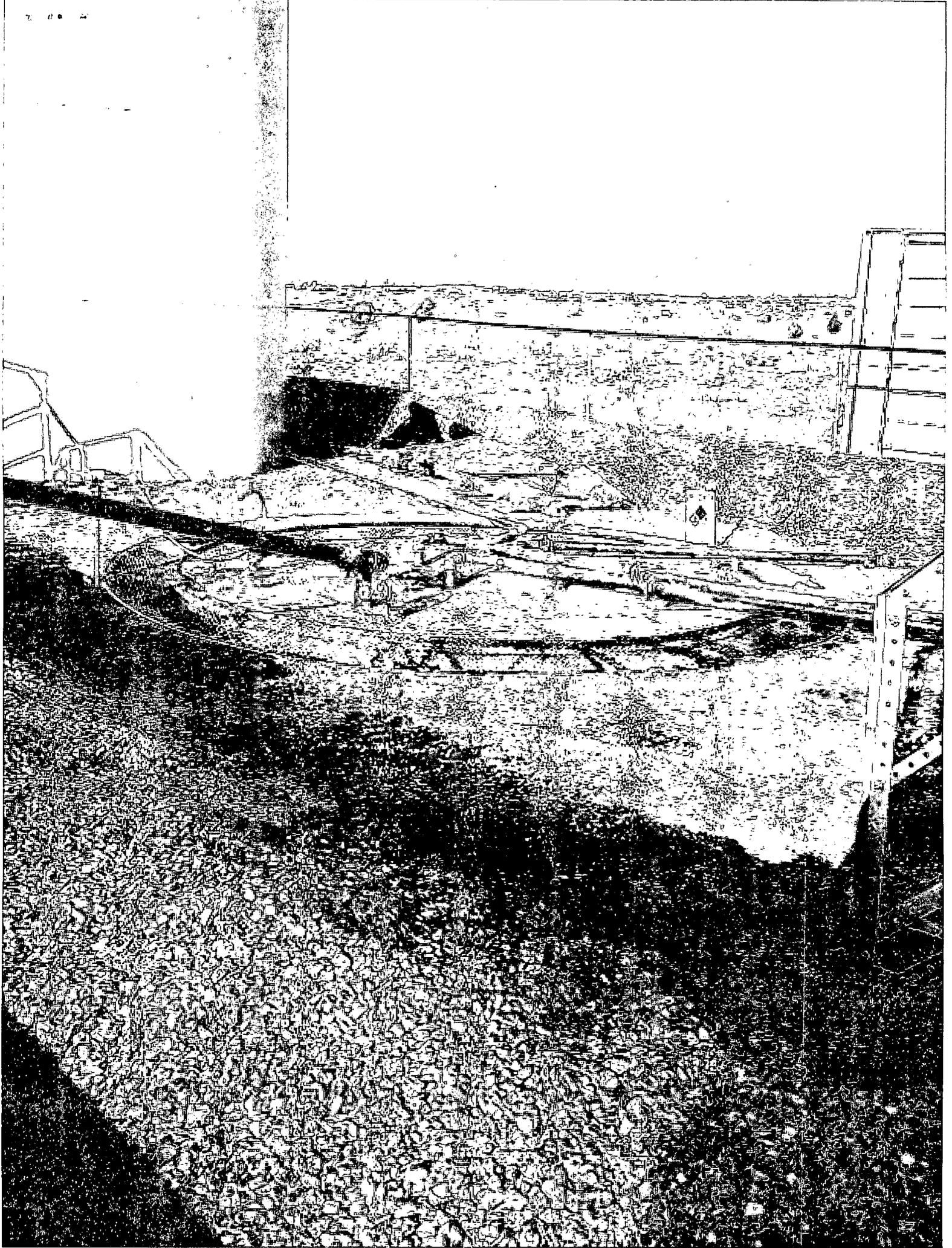
November 05, 2013

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

11/05/2013

Division Denver
 Dates -
 06/01/2008 - 11/01/2013
 Type Route Stop
 Type Value G

| RouteName | StopName | Pumper | Foreman | WellName | APIWellNumber | Section | Range | Township | | | |
|---------------|---------------------|-----------------|---------------------|----------------------------|---------------------------|-------------------|--------------|------------------|----------------|--------------|-------|
| DEN NM Run 45 | GERK GAS COM B 001F | Velarde, Jose | Bramwell, Chris | GERK GC B 01F | 3004531286 | 19 | 9W | 29N | | | |
| InspectorName | Inspection Date | Inspection Time | Visible Liner Tears | Visible Tank Leak Overflow | Collection Of Surface Run | Visible Layer Oil | Visible Leak | Freeboard Est FT | Pit Location | Pit Type | Notes |
| m clarence | 08/29/2008 | 02:00 | | | | | | 3 | | | |
| d ray | 01/15/2010 | 12:00 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| d ray | 02/18/2010 | 11:15 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| d ray | 03/09/2010 | 11:00 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| d ray | 04/30/2010 | 11:00 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| d ray | 05/05/2010 | 11:00 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| d ray | 05/20/2010 | 11:00 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| d ray | 06/09/2010 | 09:00 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| d ray | 07/27/2010 | 12:10 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| rf | 08/10/2010 | 11:28 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| rf | 09/07/2010 | 11:28 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| rf | 12/20/2010 | 11:28 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| RF | 01/28/2011 | 03:40 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| DR | 02/28/2011 | 03:40 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| RF | 03/22/2011 | 11:21 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| RF | 04/06/2011 | 02:35 | No | No | No | Yes | No | 5 | Well Water Pit | Below Ground | |
| DR | 05/30/2011 | 02:35 | No | No | No | Yes | No | 5 | Well Water Pit | Below Ground | |
| DR | 6/28/2011 | 2:35 | No | No | No | Yes | No | 5 | Well Water Pit | Below Ground | |
| DR | 7/1/2011 | 2:35 | No | No | No | Yes | No | 5 | Well Water Pit | Below Ground | |
| DR | 10/25/2011 | 2:35 | No | No | No | Yes | No | 5 | Well Water Pit | Below Ground | |
| DR | 11/1/2011 | 2:35 | No | No | No | Yes | No | 5 | Well Water Pit | Below Ground | |
| JV | 1/1/2012 | 2:58 | No | No | No | Yes | No | 5 | Well Water Pit | Below Ground | |
| JV | 3/29/2012 | 12:00 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | |
| JV | 4/4/2012 | 12:07 | No | No | No | Yes | No | 2 | Well Water Pit | Below Ground | |
| JV | 5/10/2012 | 12:59 | No | No | No | Yes | No | 4 | Well Water Pit | Below Ground | |
| JV | 6/7/2012 | 11:47 | No | No | No | Yes | No | 4 | Well Water Pit | Below Ground | |
| JV | 7/10/2012 | 2:38 | No | No | No | Yes | No | 4 | Well Water Pit | Below Ground | |
| JV | 8/14/2012 | 12:34 | No | No | No | Yes | No | 2 | Well Water Pit | Below Ground | |
| JV | 9/18/2012 | 12:35 | No | No | No | Yes | No | 2 | Well Water Pit | Below Ground | |
| JV | 10/3/2012 | 10:09 | No | No | No | Yes | No | 1 | Well Water Pit | Below Ground | |
| JV | 11/7/2012 | 11:43 | No | No | No | Yes | No | 1 | Well Water Pit | Below Ground | JV |
| JV | 12/4/2012 | 12:56 | No | No | No | Yes | No | 2 | Well Water Pit | Below Ground | JV |
| JV | 1/16/2013 | 1:34 | No | No | No | Yes | No | 2 | Well Water Pit | Below Ground | JV |
| JV | 2/22/2013 | 2:16 | No | No | No | Yes | No | 2 | Well Water Pit | Below Ground | JV |
| JV | 3/5/2013 | 1:33 | No | No | No | Yes | No | 5 | Well Water Pit | Below Ground | JV |
| JV | 4/17/2013 | 9:42 | No | No | No | Yes | No | 1 | Well Water Pit | Below Ground | JV |
| JV | 5/14/2013 | 12:28 | No | No | No | Yes | No | 2 | Well Water Pit | Below Ground | JV |
| JV | 6/7/2013 | 11:15 | No | No | No | Yes | No | 2 | Well Water Pit | Below Ground | JV |
| JV | 8/20/2013 | 10:39 | No | No | No | Yes | No | 4 | Well Water Pit | Below Ground | JV |
| JV | 9/18/2013 | 9:24 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | JV |
| JV | 10/9/2013 | 12:45 | No | No | No | Yes | No | 3 | Well Water Pit | Below Ground | JV |