

~~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 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.

11082

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

- 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: XTO Energy, Inc. OGRID #: 5380
Address: 382 Road 3100, Aztec, New Mexico 87410
Facility or well name: Jicarilla Apache #11E
API Number: 30-039-22460 OCD Permit Number:
U/L or Qtr/Qtr C Section 28 Township 26N Range 5W County: Rio Arriba
Center of Proposed Design: Latitude N 36.46254 Longitude W -107.36734 NAD: 1927 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment

RCUD MAY 6 '13
OIL CONS. DIV.
DIST. 3

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 _____

RCUD MAR 20 '13
OIL CONS. DIV.
DIST. 3

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: 21 bbl Type of fluid: Produced Water
Tank Construction material: Steel
 Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
 Visible sidewalls and liner Visible sidewalls only 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 _____

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

Screen Netting Other _____

Monthly inspections (If netting or screening is not physically feasible)

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

12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

Signed in compliance with 19.15.3.103 NMAC

9. **Administrative Approvals and Exceptions:**
 Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.
Please check a box if one or more of the following is requested, if not leave blank:

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

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 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 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 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 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 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. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 500 feet of a wetland. | <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 |

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): Logan Hixon Title: EH&S Technician
 Signature: Logan Hixon Date: 3/18/13
 E-mail address: Logan_Hixon@xtoenergy.com Telephone: 505-333-3683

20. **OCD Approval:** Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
 OCD Representative Signature: Jonathan D. Kelly Approval Date: 3/26/2013
 Title: Compliance Officer OCD Permit Number: 579/2013

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: 4-19-13

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 indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.
 Disposal Facility Name: _____ Disposal Facility Permit Number: _____
 Disposal Facility Name: _____ Disposal Facility Permit Number: _____
 Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?
 Yes (If yes, please demonstrate compliance to the items below) No
Required for impacted areas which will not be used for future service and operations:
 Site Reclamation (Photo Documentation)
 Soil Backfilling and Cover Installation
 Re-vegetation Application Rates and Seeding Technique

24. **Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*
 Proof of Closure Notice (surface owner and division)
 Proof of Deed Notice (required for on-site closure)
 Plot Plan (for on-site closures and temporary pits)
 Confirmation Sampling Analytical Results (if applicable)
 Waste Material Sampling Analytical Results (required for on-site closure)
 Disposal Facility Name and Permit Number
 Soil Backfilling and Cover Installation
 Re-vegetation Application Rates and Seeding Technique
 Site Reclamation (Photo Documentation)
 On-site Closure Location: Latitude _____ 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): Logan Hixon Title: EH&S Technician
 Signature: Logan Hixon Date: 4-29-13
 E-mail address: Logan.Hixon@xtoenergy.com Telephone: (505) 333-3683

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | |
|---|--|
| Name of Company: XTO Energy, Inc. | Contact: Logan Hixon |
| Address: 382 Road 3100, Aztec, New Mexico 87410 | Telephone No.: (505) 333-3683 |
| Facility Name: Jicarilla Apache #11E (30-039-22460) | Facility Type: Gas Well (Dakota, Mesa Verde) |
| Surface Owner: Jicarilla Apache | Mineral Owner: |
| | Lease No.: JIC 154 |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|------------|
| C | 28 | 26 N | 5W | 955 | FNL | 1685 | FWL | Rio Arriba |

Latitude: 36.46254N Longitude: -107.36734

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: Produced Water | Volume of Release: Unknown | Volume Recovered: None |
| Source of Release: BGT | Date and Hour of Occurrence: Unknown | Date and Hour of Discovery: March 18, 2013 |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? N/A | |
| By Whom? | Date and Hour: | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The below grade tank was taken out of service at the Jicarilla Apache #11E due to upgrades made to this site. A composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418.1 and 8015, Benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for Benzene, Total BTEX and total chlorides, but above the 'pit rule' standards for TPH, confirming that a release has occurred at this location. The site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 30 due to an estimated distance of less than 1000 feet to drainage, and an estimated distance of less than 50 feet to groundwater. This set the closure standard to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX, or 100 ppm organic vapors.

Describe Area Affected and Cleanup Action Taken.*

Based on TPH results of 140 PPM via USEPA Method 418.1, it has been confirmed that a release had occurred at this location.

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

| | | | |
|---|---------------------|-----------------------------------|------------------|
| Signature: <i>Logan Hixon</i> | | <u>OIL CONSERVATION DIVISION</u> | |
| Printed Name: Logan Hixon | | Approved by District Supervisor: | |
| Title: Environmental Technician | | Approval Date: | Expiration Date: |
| E-mail Address: Logan_Hixon@xtoenergy.com | | Conditions of Approval: | |
| Date: 4-29-13 | Phone: 505-333-3683 | Attached <input type="checkbox"/> | |

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

Lease Name: Jicarilla Apache #11E

API No.: 30-039-22460

Description: Unit C, Section 28, Township 26N, Range 5W, Rio Arriba 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 19, 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 April 19, 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 the Jicarilla Apache #11E well site for continued operations.

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

A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

| Components | Test Method | Limit (mg/Kg) | Results |
|------------|---------------------------|-------------------|----------------|
| Benzene | EPA SW-846 8021B or 8260B | 0.2 | < 0.0463 mg/kg |
| BTEX | EPA SW-846 8021B or 8260B | 50 | < 0.0463mg/kg |
| TPH | EPA SW-846 418.1 | 100 | 140 mg/kg |
| Chlorides | EPA 300.1 | 250 or background | 11.9 mg/kg |
| TPH | EPA SW-846 8015M | 100 | < 5.1 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 140 PPM via USEPA 418.1, a release has been confirmed for this location. A C-141 Release Notification form will be sent outlining any remediation activities taken regarding this release.

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 March 18, 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 March 18, 2013 via email. Email has been approved as a means of surface owner notification 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 not be recontoured at this time for continued operations.
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 will not be backfilled at this time for continued operations at the Jicarilla Apache #11E well site.
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 site will not be reclaimed at this time due to continued operations of the well site.
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); **will occur at the plugging and abandoning of the well site.**
 - viii. Photo documentation of the site reclamation. **Attached**



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 15244

Samples Received: 3/18/2013 2:30:00PM

Job Number: 98031-0528

Work Order: P303058

Project Name/Location: Jicarilla Apache #11E

Entire Report Reviewed By:

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

Date: 3/19/13

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.



Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| 21 bbl bgt | P303058-01A | Soil | 03/18/13 | 03/18/13 | Glass Jar, 4 oz. |

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21 bbl bgt
P303058-01 (Solid)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|-------|----------|---------|-----------|-----------|-----------|-------|
| Volatile Organics by EPA 8021 | | | | | | | | | |
| Benzene | ND | 46.3 | ug/L | 0.9 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| Toluene | ND | 46.3 | ug/L | 0.9 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| Ethylbenzene | ND | 46.3 | ug/L | 0.9 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| p,m-Xylene | ND | 46.3 | ug/L | 0.9 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| o-Xylene | ND | 46.3 | ug/L | 0.9 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| Total BTEX | ND | 46.3 | ug/L | 0.9 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| <i>Surrogate: Bromochlorobenzene</i> | | 96.0 % | | 80-120 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| <i>Surrogate: 1,4-Difluorobenzene</i> | | 103 % | | 80-120 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| <i>Surrogate: Fluorobenzene</i> | | 102 % | | 80-120 | 1312001 | 19-Mar-13 | 19-Mar-13 | EPA 8021B | |
| Nonhalogenated Organics by 8015 | | | | | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 5.1 | mg/kg | 1 | 1312002 | 18-Mar-13 | 18-Mar-13 | EPA 8015D | |
| Diesel Range Organics (C10-C28) | ND | 5.1 | mg/kg | 1 | 1312002 | 18-Mar-13 | 18-Mar-13 | EPA 8015D | |
| GRO and DRO Combined Fractions | ND | 5.1 | mg/kg | 1 | 1312002 | 18-Mar-13 | 18-Mar-13 | EPA 8015D | |
| Total Petroleum Hydrocarbons by 418.1 | | | | | | | | | |
| Total Petroleum Hydrocarbons | 140 | 20.0 | mg/kg | 1 | 1312011 | 19-Mar-13 | 19-Mar-13 | EPA 418.1 | |
| Cation/Anion Analysis | | | | | | | | | |
| Chloride | 11.9 | 1.00 | mg/kg | 1 | 1312009 | 19-Mar-13 | 19-Mar-13 | EPA 300.0 | |

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Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 1312001 - Purge and Trap EPA 5030A

Blank (1312001-BLK1)

Prepared & Analyzed: 18-Mar-13

| | | | | | | | | | | |
|---------------------------------------|------|------|------|------|--|------|--------|--|--|--|
| Benzene | ND | 50.0 | ug/L | | | | | | | |
| Toluene | ND | 50.0 | " | | | | | | | |
| Ethylbenzene | ND | 50.0 | " | | | | | | | |
| p,m-Xylene | ND | 50.0 | " | | | | | | | |
| o-Xylene | ND | 50.0 | " | | | | | | | |
| Total BTEX | ND | 50.0 | " | | | | | | | |
| <i>Surrogate: Bromochlorobenzene</i> | 50.6 | | " | 50.0 | | 101 | 80-120 | | | |
| <i>Surrogate: 1,4-Difluorobenzene</i> | 48.7 | | " | 50.0 | | 97.5 | 80-120 | | | |
| <i>Surrogate: Fluorobenzene</i> | 50.5 | | " | 50.0 | | 101 | 80-120 | | | |

Duplicate (1312001-DUP1)

Source: P303056-01

Prepared & Analyzed: 18-Mar-13

| | | | | | | | | | | |
|---------------------------------------|------|------|------|------|----|------|--------|--|----|--|
| Benzene | ND | 50.0 | ug/L | | ND | | | | 30 | |
| Toluene | ND | 50.0 | " | | ND | | | | 30 | |
| Ethylbenzene | ND | 50.0 | " | | ND | | | | 30 | |
| p,m-Xylene | ND | 50.0 | " | | ND | | | | 30 | |
| o-Xylene | ND | 50.0 | " | | ND | | | | 30 | |
| <i>Surrogate: Bromochlorobenzene</i> | 51.2 | | " | 50.0 | | 102 | 80-120 | | | |
| <i>Surrogate: 1,4-Difluorobenzene</i> | 48.2 | | " | 50.0 | | 96.5 | 80-120 | | | |
| <i>Surrogate: Fluorobenzene</i> | 49.8 | | " | 50.0 | | 99.6 | 80-120 | | | |

Matrix Spike (1312001-MS1)

Source: P303056-01

Prepared & Analyzed: 18-Mar-13

| | | | | | | | | | | |
|---------------------------------------|------|--|------|------|------|------|--------|--|--|-------|
| Benzene | 15.8 | | ug/L | 50.0 | 0.20 | 31.2 | 39-150 | | | SPK 1 |
| Toluene | 50.8 | | " | 50.0 | 0.52 | 101 | 46-148 | | | |
| Ethylbenzene | 50.6 | | " | 50.0 | 0.10 | 101 | 32-160 | | | |
| p,m-Xylene | 101 | | " | 100 | 0.70 | 100 | 46-148 | | | |
| o-Xylene | 50.7 | | " | 50.0 | 0.37 | 101 | 46-148 | | | |
| <i>Surrogate: Bromochlorobenzene</i> | 51.6 | | " | 50.0 | | 103 | 80-120 | | | |
| <i>Surrogate: 1,4-Difluorobenzene</i> | 48.6 | | " | 50.0 | | 97.2 | 80-120 | | | |
| <i>Surrogate: Fluorobenzene</i> | 48.6 | | " | 50.0 | | 97.2 | 80-120 | | | |

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Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------|---|---------------|------|-------------|-----|-----------|-------|
| Batch 1312002 - GRO/DRO Extraction EPA 3550C | | | | | | | | | | |
| Blank (1312002-BLK1) | | | | Prepared & Analyzed: 18-Mar-13 | | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 5.0 | mg/kg | | | | | | | |
| Diesel Range Organics (C10-C28) | ND | 5.0 | " | | | | | | | |
| GRO and DRO Combined Fractions | ND | 5.0 | " | | | | | | | |
| Duplicate (1312002-DUP1) | | | | Source: P303056-01 Prepared & Analyzed: 18-Mar-13 | | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 5.0 | mg/kg | | ND | | | | 30 | |
| Diesel Range Organics (C10-C28) | ND | 5.0 | " | | ND | | | | 30 | |
| Matrix Spike (1312002-MS1) | | | | Source: P303056-01 Prepared & Analyzed: 18-Mar-13 | | | | | | |
| Gasoline Range Organics (C6-C10) | 207 | | mg/L | 250 | 0.5 | 82.7 | 75-125 | | | |
| Diesel Range Organics (C10-C28) | 208 | | " | 250 | 4.6 | 81.2 | 75-125 | | | |

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Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------|-------------|---|------|-------------|------|-----------|-------|
| Batch 1312011 - 418 Freon Extraction | | | | | | | | | | |
| Blank (1312011-BLK1) | | | | | | | | | | |
| | | | | | Prepared & Analyzed: 19-Mar-13 | | | | | |
| Total Petroleum Hydrocarbons | ND | 20.0 | mg/kg | | | | | | | |
| Duplicate (1312011-DUP1) | | | | | | | | | | |
| | | | | | Source: P303058-01 Prepared & Analyzed: 19-Mar-13 | | | | | |
| Total Petroleum Hydrocarbons | 127 | 20.0 | mg/kg | | 140 | | | 9.92 | 30 | |
| Matrix Spike (1312011-MS1) | | | | | | | | | | |
| | | | | | Source: P303058-01 Prepared & Analyzed: 19-Mar-13 | | | | | |
| Total Petroleum Hydrocarbons | 1800 | 20.0 | mg/kg | 2000 | 140 | 83.1 | 80-120 | | | |

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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------|-------------|--------------------------------|------|-------------|-----|-----------|-------|
| Batch 1312009 - Anion Extraction EPA 300.0 | | | | | | | | | | |
| Blank (1312009-BLK1) | | | | | Prepared & Analyzed: 19-Mar-13 | | | | | |
| Chloride | ND | 1.00 | mg/kg | | | | | | | |

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Notes and Definitions

| | |
|------|---|
| SPK1 | The spike recovery for this QC sample is outside of control limits. |
| 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

15244

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| | | | | | | | | | | | | | | | | |
|---|--|--|--|--|-----------------------|--------------------|-------------------|---------------|----------------|-----|---------------|----------------|-------------|----------|-------------|---------------|
| Client: XTO | | Project Name / Location: Jicarilla Apache #11E | | | ANALYSIS / PARAMETERS | | | | | | | | | | | |
| Email results to: Logan.Hixon@xtoenergy.com | | Sampler Name: Logan Hixon | | | TPH (Method 8015) | BTEX (Method 8021) | VOC (Method 8260) | PCRA 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) | PCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | Sample Cool | Sample Intact |
|----------------------------|-------------|-------------|------------|--------------------------|-------------------|-----|-----------------|-------------------|--------------------|-------------------|---------------|----------------|-----|---------------|----------------|-------------|----------|-------------|---------------|
| | | | | | HgCl ₂ | HCl | SO ₂ | | | | | | | | | | | | |
| 21 bbl b5T | 3-18-13 | 17:00 | P303058-01 | 1-402 | | | X | X | X | | | | | | | X | X | X | X |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|--|------------------------|----------------------|--|------------------------|----------------------|
| Relinquished by: (Signature) <i>[Signature]</i> | Date 3-18-13 | Time 14:30 | Received by: (Signature) <i>[Signature]</i> | Date 3/18/13 | Time 14:30 |
|--|------------------------|----------------------|--|------------------------|----------------------|

| | |
|------------------------------|--------------------------|
| Relinquished by: (Signature) | Received by: (Signature) |
|------------------------------|--------------------------|

Sample Matrix
 Soil Solid Sludge Aqueous Other

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

* Rush *



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Hixon, Logan

From: Hixon, Logan
Sent: Monday, March 18, 2013 3:21 PM
To: BRANDON POWELL (brandon.powell@state.nm.us); hobsonsandoval@yahoo.com
Cc: McDaniel, James; Hoekstra, Kurt
Subject: BGT Closure Notification Jicarilla Apache #11E (30-039-22460)

Brandon & Hobson,
Please accept this email as the required notification for the BGT closure activities at the following site:

Jicarilla Apache #11E (30-039-22460) in Section 28 (C), Township 26N, Range 5W, in Rio Arriba County, New Mexico.

This below grade tank is being removed due to upgrades to this site. Thank you for your time in regards to this matter.



Thank You!
Logan Hixon
Western Division
382 CR 3100
Aztec NM 87410
Office (505) 333-3683
Cell (505) 386-8018
Logan_Hixon@xtoenergy.com



Well Below Tank Inspection Report

| RouteName | StopName | Pumper | Foreman | WellName | APIWellNumber | Section | Range | Township |
|---------------|---------------------|----------------|----------------|----------------------|---------------|---------|-------|----------|
| DEN NM Run 56 | JICARILLA APACHE 01 | Noble, Brandon | Waggoner, Jeff | JICARILLA APACHE 11E | 3003922460 | 28 | 5W | 26N |

| InspectorName | Inspection Date | Inspection Time | Visible LinerTears | VisibleTankLeak Overflow | Collection OfSurfaceRun | Visible LayerOil | Visible Leak | Freeboard EstFT | PitLocation | PitType | Notes |
|---------------|-----------------|-----------------|--------------------|--------------------------|-------------------------|------------------|--------------|-----------------|-------------|---------|---|
| brandon noble | 08/27/2008 | 10:20 | No | No | Yes | No | No | 2 | | | drain pit. pit cellar is full of water and floated pit. |
| DC | 09/18/2008 | 12:10 | No | No | Yes | No | No | 1 | | | Prod. pit / no liner |
| DC | 10/16/2008 | 09:25 | No | No | Yes | No | No | 5 | Well Water | Below G | Drain pit |
| BN | 11/12/2008 | 10:35 | No | No | Yes | Yes | No | 4 | Well Water | Below G | production pit |
| BN | 11/23/2008 | 09:17 | No | No | Yes | No | No | 4 | Well Water | Below G | drain pit |
| DC | 12/08/2008 | 10:00 | No | No | No | Yes | No | 3 | Well Water | Below G | Production pit |
| BN | 01/26/2009 | 10:25 | No | No | No | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 02/09/2009 | 10:30 | No | No | No | Yes | No | 2 | Well Water | Below G | Production pit |
| DC | 03/23/2009 | 10:45 | No | No | Yes | Yes | No | 2 | Well Water | Below G | Production pit |
| BN | 04/30/2009 | 12:35 | No | No | Yes | Yes | No | 2 | Well Water | Below G | Production pit |
| BN | 06/30/2009 | 01:35 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| BN | 07/30/2009 | 12:25 | No | No | Yes | Yes | No | 4 | Well Water | Below G | Production pit |
| BN | 08/31/2009 | 12:00 | No | No | Yes | Yes | No | 4 | Well Water | Below G | Production pit |
| BN | 09/30/2009 | 01:35 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| BN | 10/31/2009 | 10:30 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 11/30/2009 | 09:00 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| BN | 02/22/2010 | 01:00 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 03/31/2010 | 08:30 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| BN | 04/26/2010 | 10:00 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 05/27/2010 | 10:15 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 06/28/2010 | 02:45 | No | No | Yes | Yes | No | 3 | Well Water | Below G | |
| BN | 07/31/2010 | 11:40 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 09/21/2010 | 11:40 | No | No | Yes | Yes | No | 2 | Well Water | Below G | Production pit |
| DC | 10/28/2010 | 11:40 | No | No | Yes | Yes | No | 2 | Well Water | Below G | Production pit |
| DC | 11/30/2010 | 11:40 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 12/27/2010 | 11:40 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| BN | 01/31/2011 | 10:30 | No | No | Yes | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 06/28/2011 | 10:30 | No | No | No | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 07/24/2011 | 10:30 | No | No | No | Yes | No | 3 | Well Water | Below G | Production pit |
| DC | 04/17/2012 | 10:30 | No | No | No | Yes | No | 2 | Well Water | Below G | Production pit |
| DC | 05/30/2012 | 10:30 | No | No | No | Yes | No | 1 | Well Water | Below G | Production pit |
| BN | 06/04/2012 | 11:53 | No | No | No | Yes | No | 1 | Well Water | Below G | Production pit |
| BN | 09/07/2012 | 09:53 | No | No | Yes | Yes | No | 5 | Well Water | Below G | Production pit |
| BN | 11/03/2012 | 11:56 | No | No | Yes | Yes | No | 5 | Well Water | Below G | Production pit |

XTO Energy, Inc.
Jicarilla Apache #11E
Section 28 (C), Township 26N, Range 5W
Closure Date: April 19, 2013

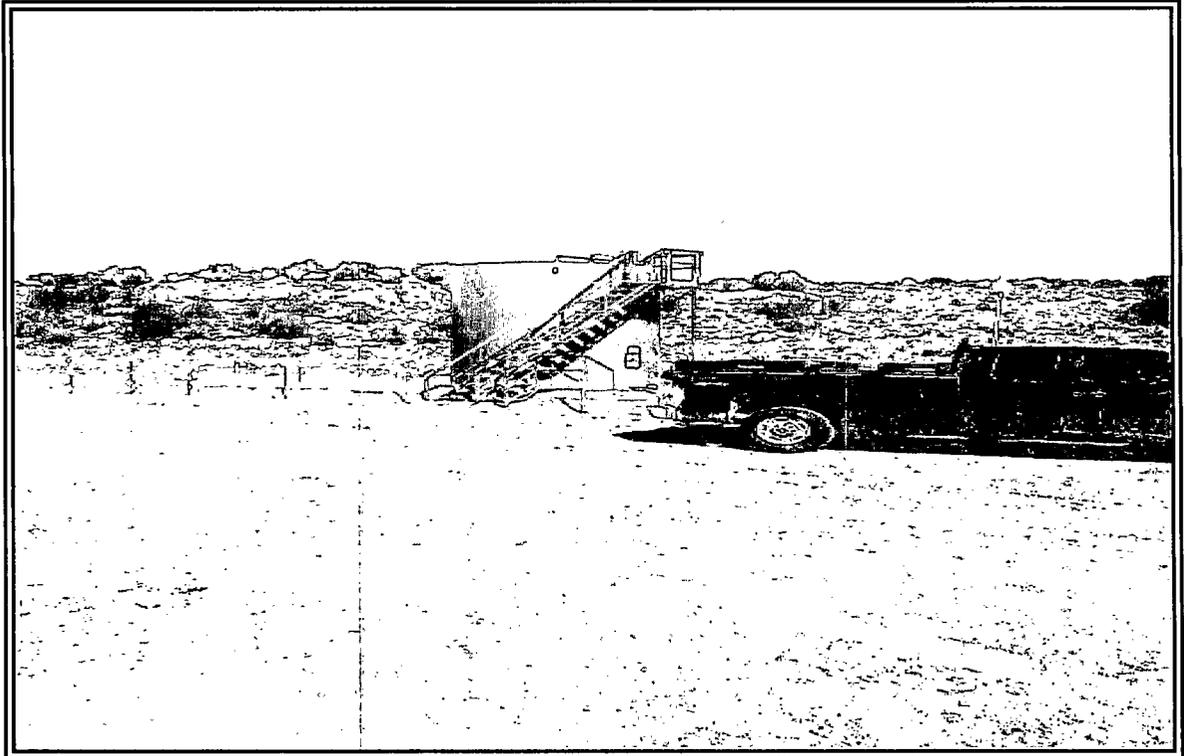


Photo 1: Jicarilla Apache #11E after upgrades.



Photo 2: Jicarilla Apache #11E after upgrades.

XTO Energy, Inc.
Jicarilla Apache #11E
Section 28 (C), Township 26N, Range 5W
Closure Date: April 19, 2013

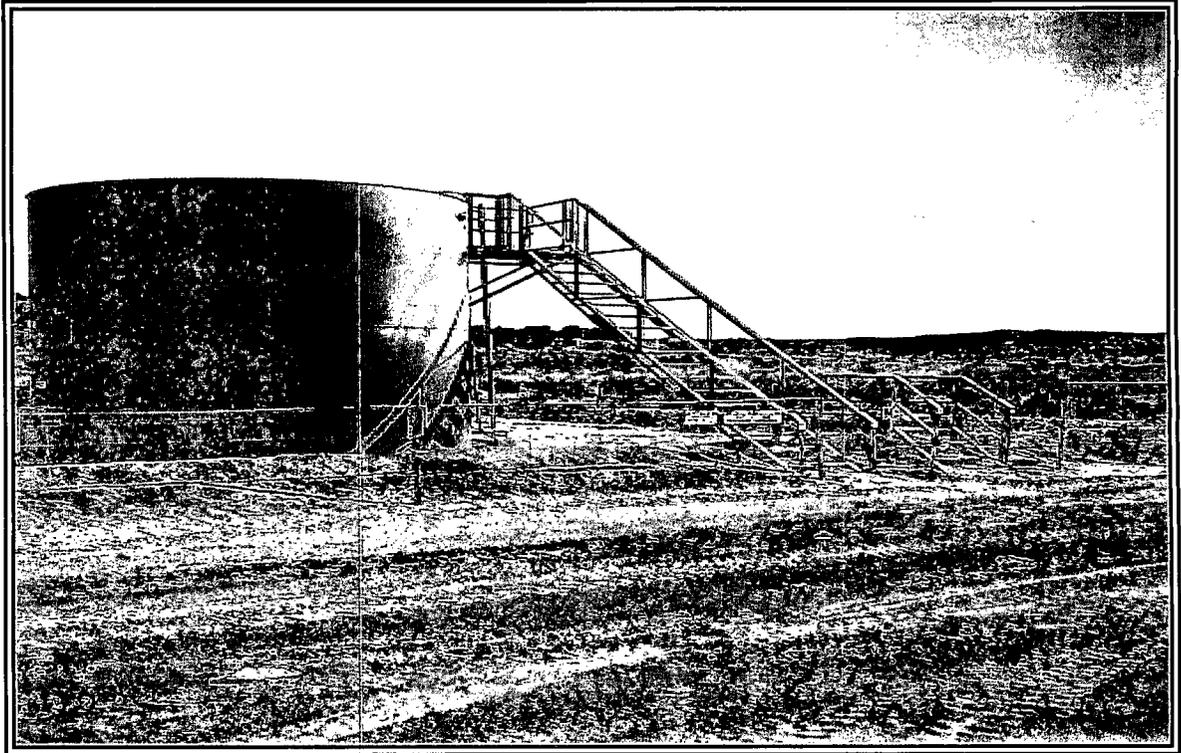


Photo 3: Jicarilla Apache #11E after upgrades.

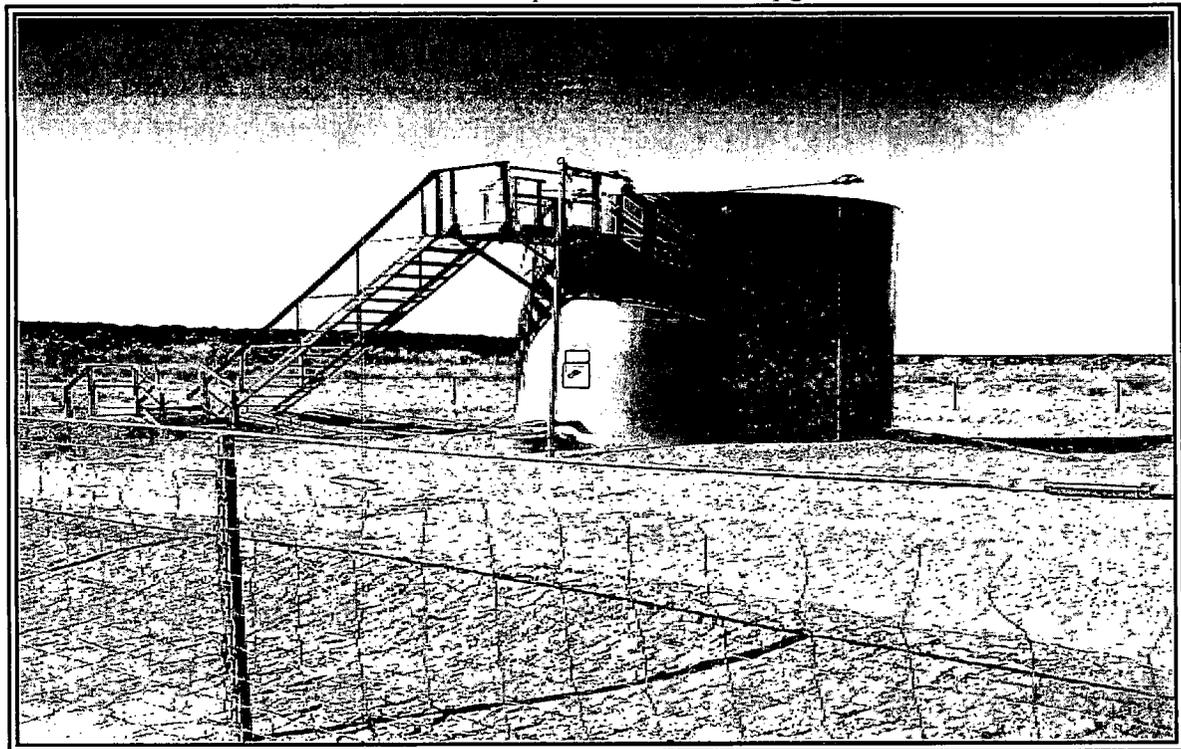


Photo 4: Jicarilla Apache #11E after upgrades.