

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

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: La Plata 16 # 1 (30-045-30786) | Facility Type: Gas Well (Basin-Fruitland Coal) | |
| Surface Owner: State | 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 |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|----------|
| D | 16 | 31N | 13W | 682 | FNL | 1297 | FWL | San Juan |

Latitude: 36.90383 Longitude: -108.21560

RCVD JUL 29 '13
OIL CONS. DIV.
DIST. 3

NATURE OF RELEASE

| | | |
|--|--|--|
| Type of Release: Produced Water | Volume of Release: 2000 BBL | Volume Recovered: None |
| Source of Release: 2 inch valve | Date and Hour of Occurrence: on or about April 1, 2013 | Date and Hour of Discovery: July 17, 2013 14:59 Hrs. |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Brandon Powell OCD | |
| By Whom? James McDaniel | Date and Hour July 17, 2013 1700 Hrs. | |
| Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, Volume Impacting the Watercourse. 2000 BBLs | |

If a Watercourse was Impacted, Describe Fully.* Approximately 2000 BBLs of produced water spilled into a dry unused drainage ditch.

Describe Cause of Problem and Remedial Action Taken.* A 2" KF valve on a produced water riser had come apart most likely over the winter due to freezing weather. Approximately 2000 BBLs of produced water had spilled into a dry unused drainage ditch. The 2" riser and valve have been removed from the line. The produced water was sampled for BTEX via USEPA Method 8021, and for total chlorides. The site was ranked a 10 pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and releases due to the distance to ground water of 50 to 100 ft. >1000 ft. to surface water, and >1000 ft. to a water well. The sample returned results below 0.2 ppm benzene, 10 ppm total BTEX and 1400 ppm chlorides.

Describe Area Affected and Cleanup Action Taken.* On July 25, 2013 a crew raked into the dry drainage ditch (26) 30lb. bags of gypsum an application rate of approximately 1 lb. per linear ft. Per Jonathan Kelly OCD recommendation to remediate the soil. 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: <i>Kurt Hoekstra</i> | | OIL CONSERVATION DIVISION | |
| Printed Name: Kurt Hoekstra | | Approved by District Supervisor: <i>Jonathan D. Kelly</i> | |
| Title: Environmental Coordinator | | Approval Date: <i>8/16/2013</i> | Expiration Date: |
| E-mail Address: Kurt_Hoekstra@xtoenergy.com | | Conditions of Approval: | |
| Date: 7-26-2013 Phone: 505-333-3100 | | Attached <input type="checkbox"/> | |

NSK 1322838724



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0407

Samples Received: 7/18/2013 9:50:00AM

Job Number: 98031-0528

Work Order: P307054

Project Name/Location: Mohave #1H/Water Valve
Leak La Plata 16 #1

Entire Report Reviewed By:

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

Date: 7/23/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 7/19/13 3:57 pm

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: Mohave #1H/Water Valve Leak La Plata 16 #1
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
23-Jul-13 07:36

Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|-------------------|---------------|---------|----------|----------|---------------------|
| FARKH-071713-1730 | P307054-01A | Aqueous | 07/17/13 | 07/18/13 | Voa vial, 40mL, HCl |
| | P307054-01B | Aqueous | 07/17/13 | 07/18/13 | Voa vial, 40mL, HCl |
| | P307054-02A | Aqueous | 07/17/13 | 07/18/13 | Poly 250mL |

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Project Name: Mohave #1H/Water Valve Leak La Plata 16 #1
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
23-Jul-13 07:36

FARKH-071713-1730

P307054-01 (Water)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------------|--------|-----------------|--------|----------|---------|-----------|-----------|-----------|-------|
| Volatile Organics by EPA 8021 | | | | | | | | | |
| Benzene | ND | 0.05 | mg/L | 50 | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| Toluene | ND | 0.05 | mg/L | 50 | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| Ethylbenzene | ND | 0.05 | mg/L | 50 | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| p,m-Xylene | ND | 0.05 | mg/L | 50 | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| o-Xylene | ND | 0.05 | mg/L | 50 | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| Total Xylenes | ND | 0.05 | mg/L | 50 | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| Total BTEX | ND | 0.05 | mg/L | 50 | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| Surrogate: Bromochlorobenzene | | 97.1 % | 80-120 | | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| Surrogate: 1,4-Difluorobenzene | | 95.9 % | 80-120 | | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |
| Surrogate: Fluorobenzene | | 96.0 % | 80-120 | | 1329032 | 19-Jul-13 | 19-Jul-13 | EPA 8021B | |

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Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
23-Jul-13 07:36

FARKH-071713-1730
P307054-02 (Water)

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------|--------|-----------|------|-------|----------|-----------|-----------|-----------|--------|-------|
| | | Limit | | | | | | | | |
| Cation/Anion Analysis | | | | | | | | | | |
| Chloride | 1400 | 10.0 | mg/L | 10 | 1329029 | 18-Jul-13 | 18-Jul-13 | EPA 300.0 | | |

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Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
23-Jul-13 07:36

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 1329032 - Purge and Trap EPA 5030A

Blank (1329032-BLK1)

Prepared & Analyzed: 19-Jul-13

| | | | | | | | | | | |
|--------------------------------|------|------|------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.05 | mg/L | | | | | | | |
| Toluene | ND | 0.05 | " | | | | | | | |
| Ethylbenzene | ND | 0.05 | " | | | | | | | |
| p,m-Xylene | ND | 0.05 | " | | | | | | | |
| o-Xylene | ND | 0.05 | " | | | | | | | |
| Total Xylenes | ND | 0.05 | " | | | | | | | |
| Total BTEX | ND | 0.05 | " | | | | | | | |
| Surrogate: Bromochlorobenzene | 47.1 | | ug/L | 50.0 | | 94.3 | 80-120 | | | |
| Surrogate: 1,4-Difluorobenzene | 48.6 | | " | 50.0 | | 97.2 | 80-120 | | | |
| Surrogate: Fluorobenzene | 48.3 | | " | 50.0 | | 96.6 | 80-120 | | | |

Duplicate (1329032-DUP1)

Source: P307054-01

Prepared & Analyzed: 19-Jul-13

| | | | | | | | | | | |
|--------------------------------|------|------|------|------|----|------|--------|--|----|--|
| Benzene | ND | 0.05 | mg/L | | ND | | | | 30 | |
| Toluene | ND | 0.05 | " | | ND | | | | 30 | |
| Ethylbenzene | ND | 0.05 | " | | ND | | | | 30 | |
| p,m-Xylene | ND | 0.05 | " | | ND | | | | 30 | |
| o-Xylene | ND | 0.05 | " | | ND | | | | 30 | |
| Surrogate: Bromochlorobenzene | 46.0 | | ug/L | 50.0 | | 92.0 | 80-120 | | | |
| Surrogate: 1,4-Difluorobenzene | 48.0 | | " | 50.0 | | 96.1 | 80-120 | | | |
| Surrogate: Fluorobenzene | 45.9 | | " | 50.0 | | 91.9 | 80-120 | | | |

Matrix Spike (1329032-MS1)

Source: P307054-01

Prepared & Analyzed: 19-Jul-13

| | | | | | | | | | | |
|--------------------------------|------|------|------|------|----|------|--------|--|--|--|
| Benzene | 2.37 | 0.05 | mg/L | 2.50 | ND | 94.7 | 39-150 | | | |
| Toluene | 2.37 | 0.05 | " | 2.50 | ND | 94.6 | 46-148 | | | |
| Ethylbenzene | 2.36 | 0.05 | " | 2.50 | ND | 94.4 | 32-160 | | | |
| p,m-Xylene | 4.70 | 0.05 | " | 5.00 | ND | 94.1 | 46-148 | | | |
| o-Xylene | 2.35 | 0.05 | " | 2.50 | ND | 94.1 | 46-148 | | | |
| Surrogate: Bromochlorobenzene | 48.1 | | ug/L | 50.0 | | 96.2 | 80-120 | | | |
| Surrogate: 1,4-Difluorobenzene | 46.9 | | " | 50.0 | | 93.8 | 80-120 | | | |
| Surrogate: Fluorobenzene | 47.8 | | " | 50.0 | | 95.5 | 80-120 | | | |

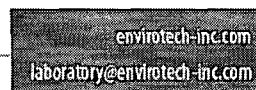
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Project Name: Mohave #1H/Water Valve Leak La Plata 16 #1
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
23-Jul-13 07:36

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 1329029 - Anion Extraction EPA 300.0

Blank (1329029-BLK1)

Prepared & Analyzed: 18-Jul-13

Chloride ND 1.00 mg/L

Duplicate (1329029-DUP1)

Source: P307054-02

Prepared & Analyzed: 18-Jul-13

Chloride 1390 10.0 mg/L 1400 1.26 30

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Project Number: 98031-0528
Project Manager: Kurt Hockstra

Reported:
23-Jul-13 07:36

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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