

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: <b>XTO Energy Inc.</b>                   | Contact: <b>Kim Champlin</b>            |
| Address: <b>#382 County Road 3100<br/>Aztec, NM 87410</b> | Telephone No.: <b>(505) 333-3100</b>    |
| Facility Name: <b>LC Kelly #2E (API 30-045-25350)</b>     | Facility Type: <b>Gas Well (Dakota)</b> |

|                           |                           |                              |
|---------------------------|---------------------------|------------------------------|
| Surface Owner: <b>BLM</b> | Mineral Owner: <b>BLM</b> | Lease No.: <b>NMSF081239</b> |
|---------------------------|---------------------------|------------------------------|

**LOCATION OF RELEASE**

|             |           |            |            |               |                  |               |                |                 |
|-------------|-----------|------------|------------|---------------|------------------|---------------|----------------|-----------------|
| Unit Letter | Section   | Township   | Range      | Feet from the | North/South Line | Feet from the | East/West Line | County          |
| <b>I</b>    | <b>05</b> | <b>30N</b> | <b>12W</b> | <b>1660</b>   | <b>South</b>     | <b>790</b>    | <b>East</b>    | <b>San Juan</b> |

Latitude **36.83888** Longitude **108.11476**

**NATURE OF RELEASE**

|  |  |   |
|--|--|---|
| Type of Release: <b>Condensate &amp; Produced Water</b>  | Volume of Release: <b>20/7 BBLs</b>                                | Volume Recovered: <b>0/0 BBLs</b>                       |
| Source of Release: <b>Production Tank</b>  | Date and Hour of Occurrence:<br><b>02/04/09 Time unknown</b>       | Date and Hour of Discovery:<br><b>02/04/09 12:00 PM</b> |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br><b>Brandon Powell- OCD<br/>Mark Kelly- BLM</b> |   |
| By Whom? <b>Kim Champlin</b>   | Date and Hour: <b>02/05/2009 3:00 PM</b>                           |   |
| Was a Watercourse Reached?<br><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.\* **While on location an XTO employee noticed a production tank leaking. Upon investigation it was discovered that the load line had froze causing the 3" ball valve located on the load line to split allowing the load line to leak. The well was shut in; a roustabout crew and repair crew were called. Based on the previous gauge it was estimated that 7 barrels of condensate and 20 barrels of produced water were released. The release was absorbed into the ground leaving no standing fluids for recovery. The release was contained within an unlined berm, not spreading to the pad or off location.**

Describe Area Affected and Cleanup Action Taken.\* **Upon discovery of the release the well was shut in and a roustabout crew was dispatched. No fluids were recovered. The ball valve was repaired and tested as functioning properly. The impacted area of the berm was excavated and a three point composite sample from the bermed area was collected and submitted for analysis (results attached). Based on depth to groundwater and distance to surface water at this location the ranking score according to the NMOCD Guidelines for Remediation of Leaks, Spills and Releases is 0. All results for benzene, BTEX and TPH are within remediation levels. The initial report for this release was submitted to NMOCD on 02/18/09.**

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>Kim Champlin</i>                    | <b>OIL CONSERVATION DIVISION</b>                       |                                   |
| Printed Name: <b>Kim Champlin</b>                 | Approved by District Supervisor: <i>Brandon Powell</i> | For: <i>Charlie Perren</i>        |
| Title: <b>Sr. Environmental Representative</b>    | Approval Date: <b>3/23/09</b>                          | Expiration Date:                  |
| E-mail Address: <b>kim_champlin@xtoenergy.com</b> | Conditions of Approval:                                | Attached <input type="checkbox"/> |
| Date: <b>03/20/09</b>                             | Phone: <b>(505) 333-3100</b>                           |                                   |

\* Attach Additional Sheets If Necessary

nBP0918956608



EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

|                    |                        |                     |            |
|--------------------|------------------------|---------------------|------------|
| Client:            | Blagg/XTO              | Project #:          | 94034-0010 |
| Sample ID:         | Tank Release 3-pt @ 1' | Date Reported:      | 02-20-09   |
| Laboratory Number: | 48990                  | Date Sampled:       | 02-17-09   |
| Chain of Custody:  | 6353                   | Date Received:      | 02-17-09   |
| Sample Matrix:     | Soil                   | Date Analyzed:      | 02-19-09   |
| Preservative:      | Cool                   | Date Extracted:     | 02-17-09   |
| Condition:         | Intact                 | Analysis Requested: | BTEX       |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | 118                      | 0.9                      |
| Toluene      | 2,920                    | 1.0                      |
| Ethylbenzene | 1,520                    | 1.0                      |
| p,m-Xylene   | 16,700                   | 1.2                      |
| o-Xylene     | 6,320                    | 0.9                      |
| Total BTEX   | 27,600                   |                          |

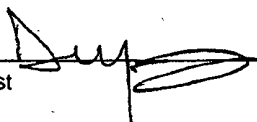
ND - Parameter not detected at the stated detection limit.

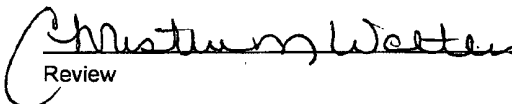
| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 98.0 %           |
|                       | 1,4-difluorobenzene | 98.0 %           |
|                       | Bromochlorobenzene  | 98.0 %           |

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: L.C. Kelly #2E.

Analyst 

Review 



**EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

|                      |                        |                     |            |
|----------------------|------------------------|---------------------|------------|
| Client:              | Blagg/XTO              | Project #:          | 94034-0010 |
| Sample ID:           | Tank Release 3-pt @ 1' | Date Reported:      | 02-20-09   |
| Laboratory Number:   | 48990                  | Date Sampled:       | 02-17-09   |
| Chain of Custody No: | 6353                   | Date Received:      | 02-17-09   |
| Sample Matrix:       | Soil                   | Date Extracted:     | 02-17-09   |
| Preservative:        | Cool                   | Date Analyzed:      | 02-19-09   |
| Condition:           | Intact                 | Analysis Requested: | 8015 TPH   |

| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | 391                      | 0.2                      |
| Diesel Range (C10 - C28)     | 913                      | 0.1                      |
| Total Petroleum Hydrocarbons | 1,300                    | 0.2                      |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **L.C. Kelly #2E.**

Analyst

Review

**EPA Method 8015 Modified  
 Nonhalogenated Volatile Organics  
 Total Petroleum Hydrocarbons**

**Quality Assurance Report**

|                    |                    |                     |          |
|--------------------|--------------------|---------------------|----------|
| Client:            | QA/QC              | Project #:          | N/A      |
| Sample ID:         | 02-19-09 QA/QC     | Date Reported:      | 02-20-09 |
| Laboratory Number: | 48983              | Date Sampled:       | N/A      |
| Sample Matrix:     | Methylene Chloride | Date Received:      | N/A      |
| Preservative:      | N/A                | Date Analyzed:      | 02-19-09 |
| Condition:         | N/A                | Analysis Requested: | TPH      |

|                         | Sample Date | Lab # | Original Conc. | Revised Conc. | % Difference | Accept. Range |
|-------------------------|-------------|-------|----------------|---------------|--------------|---------------|
| Gasoline Range C5 - C10 | 05-07-07    |       | 9.6940E+002    | 9.6979E+002   | 0.04%        | 0 - 15%       |
| Diesel Range C10 - C28  | 05-07-07    |       | 9.6453E+002    | 9.6492E+002   | 0.04%        | 0 - 15%       |

| Blank Conc. (mg/L - mg/Kg)   | Concentration | Detection Limit |
|------------------------------|---------------|-----------------|
| Gasoline Range C5 - C10      | ND            | 0.2             |
| Diesel Range C10 - C28       | ND            | 0.1             |
| Total Petroleum Hydrocarbons | ND            | 0.2             |

| Duplicate Conc. (mg/Kg) | Sample | Duplicate | Difference | Accept. Range |
|-------------------------|--------|-----------|------------|---------------|
| Gasoline Range C5 - C10 | 2.5    | 2.4       | 4.0%       | 0 - 30%       |
| Diesel Range C10 - C28  | 4.4    | 5.4       | 22.7%      | 0 - 30%       |

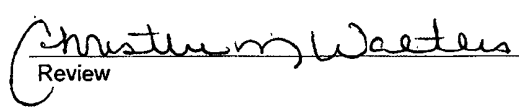
| Spike Conc. (mg/Kg)     | Sample | Spike Added | Spike Result | % Recovery | Accept. Range |
|-------------------------|--------|-------------|--------------|------------|---------------|
| Gasoline Range C5 - C10 | 2.5    | 250         | 258          | 102%       | 75 - 125%     |
| Diesel Range C10 - C28  | 4.4    | 250         | 262          | 103%       | 75 - 125%     |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Sample 48983, 48985, 48989 - 48992, 49007 - 49010.

Analyst 

  
 Review

|                    |                |                |          |
|--------------------|----------------|----------------|----------|
| Client             | N/A            | Project #:     | N/A      |
| Sample ID:         | 02-19-BT QA/QC | Date Reported: | 02-20-09 |
| Laboratory Number: | 48983          | Date Sampled:  | N/A      |
| Sample Matrix:     | Soil           | Date Received: | N/A      |
| Preservative:      | N/A            | Date Analyzed: | 02-19-09 |
| Condition:         | N/A            | Analysis:      | BTEX     |

| Calibration and<br>Detection Limits (ug/L) | Good R      | C-Cal R              | %Diff | Blank<br>Conc | Detected<br>Limit |
|--|-------------|----------------------|-------|---------------|-------------------|
|  |             | Accept Range 0 - 15% |       |               |                   |
| Benzene                                    | 1.5409E+005 | 1.5440E+005          | 0.2%  | ND            | 0.1               |
| Toluene                                    | 1.5700E+005 | 1.5731E+005          | 0.2%  | ND            | 0.1               |
| Ethylbenzene                               | 1.6082E+005 | 1.6114E+005          | 0.2%  | ND            | 0.1               |
| p,m-Xylene                                 | 4.1920E+005 | 4.2005E+005          | 0.2%  | ND            | 0.1               |
| o-Xylene                                   | 1.7367E+005 | 1.7402E+005          | 0.2%  | ND            | 0.1               |


| Duplicate Conc. (ug/Kg) | Sample | Duplicate | %Diff | Accept Range | Detected Limit |
|-------------------------|--------|-----------|-------|--------------|----------------|
| Benzene                 | 6.1    | 6.4       | 4.9%  | 0 - 30%      | 0.9            |
| Toluene                 | 10.5   | 10.2      | 2.9%  | 0 - 30%      | 1.0            |
| Ethylbenzene            | 7.9    | 7.6       | 3.8%  | 0 - 30%      | 1.0            |
| p,m-Xylene              | 28.8   | 24.6      | 14.6% | 0 - 30%      | 1.2            |
| o-Xylene                | 11.4   | 10.2      | 10.5% | 0 - 30%      | 0.9            |

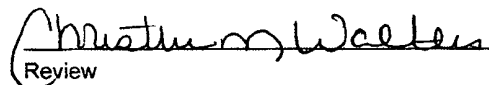
| Spike Conc. (ug/Kg) | Sample | Amount Spiked | Spiked Sample | Recovery | Accept Range |
|---------------------|--------|---------------|---------------|----------|--------------|
| Benzene             | 6.1    | 50.0          | 55.6          | 99.1%    | 39 - 150     |
| Toluene             | 10.5   | 50.0          | 57.5          | 95.0%    | 46 - 148     |
| Ethylbenzene        | 7.9    | 50.0          | 57.1          | 98.6%    | 32 - 160     |
| p,m-Xylene          | 28.8   | 100           | 124           | 96.0%    | 46 - 148     |
| o-Xylene            | 11.4   | 50.0          | 59.4          | 96.7%    | 46 - 148     |

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.  
 Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments: QA/QC for Samples 48983, 48989 - 48992, 49006 - 49010.

Analyst 

Review 

6353

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