

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

|   |  |
|---|--|
| Name of Company: XTO Energy, Inc.               | Contact: Logan Hixon                   |
| Address: 382 Road 3100, Aztec, New Mexico 87410 | Telephone No.: (505) 333-3100          |
| Facility Name: OH Randel #5                     | Facility Type: Gas Well (Basin Dakota) |
| Surface Owner: Tribal                           | Mineral Owner                          |
| API No.: 30-045-05964                           |  |

**LOCATION OF RELEASE**

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County   |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|----------|
| D           | 10      | 26N      | 11W   | 990           | FNL              | 990           | FWL            | San Juan |

Latitude 36.5065753      Longitude -107.996552

**NATURE OF RELEASE**

|  |   |   |
|--|---|---|
| Type of Release: Produced Oil / Produced Water   | Volume of Release: 32.5 BBL's                         | Volume Recovered: 0 BBL's                       |
| Source of Release: 2" Drain Valve on Production Tank   | Date and Hour of Occurrence:<br>Unknown Time: Unknown | Date and Hour of Discovery: 1/18/2016<br>2:56pm |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Cory Smith (NMOCD)                   |   |
| By Whom? Rex Farnsworth (EH&S Technician)  | Date and Hour: 1/19/2016 @ 7:53am                     |   |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse.             |   |

OIL CONS. DIV DIST. 3

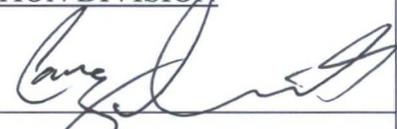
JAN 02 2018

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
A 'remediation pile' was approved by the NMOCD to remediate cuttings from the soil boring performed at this location for the delineation conducted in regards to the historical impacts found at this location. The 'remediation pile' was inspected, turned using a roto-tiller, and sampled for final closure. The pile was then thin-spread on location after the sample results indicated that the soil was remediated below NMOCD regulatory limits. The inspection log, final photographs, and the final laboratory analysis are attached for reference.

Describe Area Affected and Cleanup Action Taken. \*  
Please see attachments.

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 "Initial Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

|  |   |                                   |
|--|---|-----------------------------------|
| Signature:  | <u>OIL CONSERVATION DIVISION</u>  |                                   |
| Printed Name: James McDaniel   | Approved by Environmental Specialist:  |                                   |
| Title: EH&S Supervisor   | Approval Date: 1/16/18  | Expiration Date:                  |
| E-mail Address: james_mcdaniel@xtoenergy.com   | Conditions of Approval: Closure   | Attached <input type="checkbox"/> |
| Date: 12/27/2017      Phone: 505-333-3701  | For "Bio Pile For Drill Cuttings only!"   |                                   |

\* Attach Additional Sheets If Necessary

#NOF 1602039091

### O H Randel #5 Remediation Pile Inspection Log

| Date       | Person Performing Inspection | Comments   |
|------------|------------------------------|--|
| 9/30/2017  | James McDaniel               | Remediation Pile spread on-site                              |
| 10/4/2017  | James McDaniel               | No Comments  |
| 10/13/2017 | Kurt Hoekstra                | Remediation Pile was roto-tilled using a gas powered tiller  |
| 10/18/2017 | Kurt Hoekstra                | No Comments  |
| 10/27/2017 | James McDaniel               | No Comments  |
| 11/2/2017  | Kurt Hoekstra                | Sample Collected   |
| 12/11/2017 | James McDaniel               | Remediation Pile Sampled for closure. Cory Smith on location |
|            |                              |  |



## Analytical Report

### Report Summary

Client: XTO Energy Inc.  
Chain Of Custody Number:  
Samples Received: 12/11/2017 10:05:00AM  
Job Number: 98031-0528  
Work Order: P712024  
Project Name/Location: OH Randel 5

Report Reviewed By:

Date: 12/13/17

Walter Hinchman, Laboratory Director

Date: 12/13/17

Tim Cain, Quality Assurance Officer

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.<br>382 CR 3100<br>Aztec NM, 87410 | Project Name: OH Randel 5<br>Project Number: 98031-0528<br>Project Manager: James McDaniel | Reported:<br>13-Dec-17 15:57 |
|---|--|------------------------------|

**Analytical Report for Samples**

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| Remediation Pile | P712024-01A   | Solid  | 12/11/17 | 12/11/17 | Glass Jar, 4 oz. |

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| XTO Energy Inc.<br>382 CR 3100<br>Aztec NM, 87410 | Project Name: OH Randel 5<br>Project Number: 98031-0528<br>Project Manager: James McDaniel | Reported:<br>13-Dec-17 15:57 |
|---|--|------------------------------|

**Remediation File  
P712024-01 (Solid)**

Reporting

| Analyte  | Result | Limit  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|--|--------|--------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>           |        |        |       |          |         |          |          |           |       |
| Benzene  | ND     | 0.10   | mg/kg | 1        | 1750002 | 12/11/17 | 12/11/17 | EPA 8021B |       |
| Toluene  | ND     | 0.10   | mg/kg | 1        | 1750002 | 12/11/17 | 12/11/17 | EPA 8021B |       |
| Ethylbenzene                                   | ND     | 0.10   | mg/kg | 1        | 1750002 | 12/11/17 | 12/11/17 | EPA 8021B |       |
| p,m-Xylene                                     | ND     | 0.20   | mg/kg | 1        | 1750002 | 12/11/17 | 12/11/17 | EPA 8021B |       |
| o-Xylene                                       | ND     | 0.10   | mg/kg | 1        | 1750002 | 12/11/17 | 12/11/17 | EPA 8021B |       |
| Total Xylenes                                  | ND     | 0.10   | mg/kg | 1        | 1750002 | 12/11/17 | 12/11/17 | EPA 8021B |       |
| Total BTEX                                     | ND     | 0.10   | mg/kg | 1        | 1750002 | 12/11/17 | 12/11/17 | EPA 8021B |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>     |        | 102 %  |       | 50-150   | 1750002 | 12/11/17 | 12/11/17 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b>         |        |        |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0   | mg/kg | 1        | 1750002 | 12/11/17 | 12/11/17 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)                | ND     | 25.0   | mg/kg | 1        | 1750003 | 12/11/17 | 12/11/17 | EPA 8015D |       |
| Oil Range Organics (C28-C40+)                  | ND     | 50.0   | mg/kg | 1        | 1750003 | 12/11/17 | 12/11/17 | EPA 8015D |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> |        | 100 %  |       | 50-150   | 1750002 | 12/11/17 | 12/11/17 | EPA 8015D |       |
| <i>Surrogate: n-Nonane</i>                     |        | 81.8 % |       | 50-200   | 1750003 | 12/11/17 | 12/11/17 | EPA 8015D |       |

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|---|--|------------------------------|
| XTO Energy Inc.<br>382 CR 3100<br>Aztec NM, 87410 | Project Name: OH Randel 5<br>Project Number: 98031-0528<br>Project Manager: James McDaniel | Reported:<br>13-Dec-17 15:57 |
|---|--|------------------------------|

**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 1750002 - Purge and Trap EPA 5030A**

| Blank (1750002-BLK1)                |      | Prepared & Analyzed: 11-Dec-17 |       |      |  |     |        |  |  |  |
|-------------------------------------|------|--------------------------------|-------|------|--|-----|--------|--|--|--|
| Benzene                             | ND   | 0.10                           | mg/kg |      |  |     |        |  |  |  |
| Toluene                             | ND   | 0.10                           | "     |      |  |     |        |  |  |  |
| Ethylbenzene                        | ND   | 0.10                           | "     |      |  |     |        |  |  |  |
| p,m-Xylene                          | ND   | 0.20                           | "     |      |  |     |        |  |  |  |
| o-Xylene                            | ND   | 0.10                           | "     |      |  |     |        |  |  |  |
| Total Xylenes                       | ND   | 0.10                           | "     |      |  |     |        |  |  |  |
| Total BTEX                          | ND   | 0.10                           | "     |      |  |     |        |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.15 |                                | "     | 8.00 |  | 102 | 50-150 |  |  |  |

| LCS (1750002-BS1)                   |      | Prepared & Analyzed: 11-Dec-17 |       |      |  |      |        |  |  |  |
|-------------------------------------|------|--------------------------------|-------|------|--|------|--------|--|--|--|
| Benzene                             | 4.44 | 0.10                           | mg/kg | 5.00 |  | 88.9 | 70-130 |  |  |  |
| Toluene                             | 4.44 | 0.10                           | "     | 5.00 |  | 88.9 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.50 | 0.10                           | "     | 5.00 |  | 90.0 | 70-130 |  |  |  |
| p,m-Xylene                          | 8.97 | 0.20                           | "     | 10.0 |  | 89.7 | 70-130 |  |  |  |
| o-Xylene                            | 4.41 | 0.10                           | "     | 5.00 |  | 88.3 | 70-130 |  |  |  |
| Total Xylenes                       | 13.4 | 0.10                           | "     | 15.0 |  | 89.3 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.24 |                                | "     | 8.00 |  | 103  | 50-150 |  |  |  |

| Matrix Spike (1750002-MS1)          |      | Source: P712024-01 |       | Prepared & Analyzed: 11-Dec-17 |    |      |          |  |  |  |
|-------------------------------------|------|--------------------|-------|--------------------------------|----|------|----------|--|--|--|
| Benzene                             | 4.66 | 0.10               | mg/kg | 5.00                           | ND | 93.3 | 54.3-133 |  |  |  |
| Toluene                             | 4.66 | 0.10               | "     | 5.00                           | ND | 93.3 | 61.4-130 |  |  |  |
| Ethylbenzene                        | 4.73 | 0.10               | "     | 5.00                           | ND | 94.6 | 61.4-133 |  |  |  |
| p,m-Xylene                          | 9.42 | 0.20               | "     | 10.0                           | ND | 94.3 | 63.3-131 |  |  |  |
| o-Xylene                            | 4.66 | 0.10               | "     | 5.00                           | ND | 93.2 | 63.3-131 |  |  |  |
| Total Xylenes                       | 14.1 | 0.10               | "     | 15.0                           | ND | 93.9 | 63.3-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.22 |                    | "     | 8.00                           |    | 103  | 50-150   |  |  |  |

| Matrix Spike Dup (1750002-MSD1)     |      | Source: P712024-01 |       | Prepared & Analyzed: 11-Dec-17 |    |      |          |      |    |  |
|-------------------------------------|------|--------------------|-------|--------------------------------|----|------|----------|------|----|--|
| Benzene                             | 4.35 | 0.10               | mg/kg | 5.00                           | ND | 87.0 | 54.3-133 | 6.99 | 20 |  |
| Toluene                             | 4.35 | 0.10               | "     | 5.00                           | ND | 87.0 | 61.4-130 | 7.02 | 20 |  |
| Ethylbenzene                        | 4.39 | 0.10               | "     | 5.00                           | ND | 87.9 | 61.4-133 | 7.30 | 20 |  |
| p,m-Xylene                          | 8.75 | 0.20               | "     | 10.0                           | ND | 87.6 | 63.3-131 | 7.38 | 20 |  |
| o-Xylene                            | 4.34 | 0.10               | "     | 5.00                           | ND | 86.7 | 63.3-131 | 7.21 | 20 |  |
| Total Xylenes                       | 13.1 | 0.10               | "     | 15.0                           | ND | 87.3 | 63.3-131 | 7.32 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.16 |                    | "     | 8.00                           |    | 102  | 50-150   |      |    |  |

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|---|--|------------------------------|
| XTO Energy Inc.<br>382 CR 3100<br>Aztec NM, 87410 | Project Name: OH Randel 5<br>Project Number: 98031-0528<br>Project Manager: James McDaniel | Reported:<br>13-Dec-17 15:57 |
|---|--|------------------------------|

**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 1750002 - Purge and Trap EPA 5030A**

**Blank (1750002-BLK1)**

Prepared & Analyzed: 11-Dec-17

|   |      |      |       |      |  |     |        |  |  |  |
|---|------|------|-------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 | mg/kg |      |  |     |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.13 |      | "     | 8.00 |  | 102 | 50-150 |  |  |  |

**LCS (1750002-BS2)**

Prepared & Analyzed: 11-Dec-17

|   |      |      |       |      |  |      |        |  |  |  |
|---|------|------|-------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 50.0 | 20.0 | mg/kg | 50.0 |  | 99.9 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.98 |      | "     | 8.00 |  | 99.7 | 50-150 |  |  |  |

**Matrix Spike (1750002-MS2)**

Source: P712024-01

Prepared & Analyzed: 11-Dec-17

|   |      |      |       |      |    |      |        |  |  |  |
|---|------|------|-------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 56.3 | 20.0 | mg/kg | 50.0 | ND | 113  | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.91 |      | "     | 8.00 |    | 98.8 | 50-150 |  |  |  |

**Matrix Spike Dup (1750002-MSD2)**

Source: P712024-01

Prepared & Analyzed: 11-Dec-17

|   |      |      |       |      |    |     |        |      |    |  |
|---|------|------|-------|------|----|-----|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 54.7 | 20.0 | mg/kg | 50.0 | ND | 109 | 70-130 | 2.79 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.14 |      | "     | 8.00 |    | 102 | 50-150 |      |    |  |

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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 |
|--|--------|-----------------|-------|--------------------------------|---------------|--------------------------------|-------------|-------|-----------|-------|
| <b>Batch 1750003 - DRO Extraction EPA 3570</b> |        |                 |       |                                |               |                                |             |       |           |       |
| <b>Blank (1750003-BLK1)</b>                    |        |                 |       | Prepared & Analyzed: 11-Dec-17 |               |                                |             |       |           |       |
| Diesel Range Organics (C10-C28)                | ND     | 25.0            | mg/kg |                                |               |                                |             |       |           |       |
| Oil Range Organics (C28-C40+)                  | ND     | 50.0            | "     |                                |               |                                |             |       |           |       |
| Surrogate: n-Nonane                            | 47.9   |                 | "     | 50.0                           |               | 95.8                           | 50-200      |       |           |       |
| <b>LCS (1750003-BS1)</b>                       |        |                 |       | Prepared & Analyzed: 11-Dec-17 |               |                                |             |       |           |       |
| Diesel Range Organics (C10-C28)                | 511    | 25.0            | mg/kg | 500                            | ND            | 102                            | 38-132      |       |           |       |
| Surrogate: n-Nonane                            | 45.1   |                 | "     | 50.0                           |               | 90.2                           | 50-200      |       |           |       |
| <b>Matrix Spike (1750003-MS1)</b>              |        |                 |       | Source: P712024-01             |               | Prepared & Analyzed: 11-Dec-17 |             |       |           |       |
| Diesel Range Organics (C10-C28)                | 538    | 25.0            | mg/kg | 500                            | ND            | 108                            | 38-132      |       |           |       |
| Surrogate: n-Nonane                            | 40.0   |                 | "     | 50.0                           |               | 79.9                           | 50-200      |       |           |       |
| <b>Matrix Spike Dup (1750003-MSD1)</b>         |        |                 |       | Source: P712024-01             |               | Prepared & Analyzed: 11-Dec-17 |             |       |           |       |
| Diesel Range Organics (C10-C28)                | 541    | 25.0            | mg/kg | 500                            | ND            | 108                            | 38-132      | 0.612 | 20        |       |
| Surrogate: n-Nonane                            | 40.5   |                 | "     | 50.0                           |               | 81.1                           | 50-200      |       |           |       |

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| XTO Energy Inc.<br>382 CR 3100<br>Aztec NM, 87410 | Project Name: OH Randel 5<br>Project Number: 98031-0528<br>Project Manager: James McDaniel | Reported:<br>13-Dec-17 15:57 |
|---|--|------------------------------|

**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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