

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

30-045-24166

OPERATOR

☐ Initial Report ☒ Final Report

|   |                                  |
|---|----------------------------------|
| Name of Company: XTO Energy, Inc.                   | Contact: James McDaniel          |
| Address: 382 Road 3100, Aztec, New Mexico 87410     | Telephone No.: (505) 333-3701    |
| Facility Name: Johnson Gas COM B #1E (30-045-24166) | Facility Type: Gas Well (Dakota) |

|                        |                |                         |
|------------------------|----------------|-------------------------|
| Surface Owner: Federal | Mineral Owner: | Lease No.: NMSF-077386A |
|------------------------|----------------|-------------------------|

LOCATION OF RELEASE

|                  |               |                 |              |                       |                         |                       |                       |                    |
|------------------|---------------|-----------------|--------------|-----------------------|-------------------------|-----------------------|-----------------------|--------------------|
| Unit Letter<br>I | Section<br>21 | Township<br>27N | Range<br>10W | Feet from the<br>1850 | North/South Line<br>FSL | Feet from the<br>1115 | East/West Line<br>FEL | County<br>San Juan |
|------------------|---------------|-----------------|--------------|-----------------------|-------------------------|-----------------------|-----------------------|--------------------|

Latitude: 36.55858 Longitude: -107.89578

NATURE OF RELEASE

|  |   |   |
|--|---|---|
| Type of Release: Historical  | Volume of Release: Unknown                | Volume Recovered: None                          |
| Source of Release: Historical Earthen Pit  | Date and Hour of Occurrence:<br>Unknown   | Date and Hour of Discovery:<br>January 26, 2012 |
| Was Immediate Notice Given?<br><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom?                          | RCVD FEB 7 '12<br>OIL CONS. DIV.                |
| By Whom?   | Date and Hour:                            | DIST. 3   |
| 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.\*

During reclamation activities at the recently P&Aed Johnson Gas COM B #1E on January 25, 2012, some discolored soil was discovered. The soil was in the vicinity of the old meter house. Upon further investigation, historically impacted soils were discovered. 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 depth to groundwater less than 50 feet, and a distance to surface water of less than 1,000 feet. 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.\*

On January 26<sup>th</sup> and 27<sup>th</sup>, excavation activities began to remove the impacted soils. Initial readings for organic vapors were in excess of 3,000 ppm on a photo-ionization detector (PID). Excavation continued until the extents were approximately 20' x 25' x 10' deep. At this point, a composite sample was collected from each of the four (4) walls, and from the bottom at 10' deep. Each of the samples were analyzed for organic vapors in the field using a PID. Each of the wall samples returned organic vapor results less than 100 ppm. The bottom sample returned organic vapor results of 2,034 ppm. Each of the five (5) samples were then collected into a 4-oz glass jar, and sent for laboratory analysis. Each of the wall samples were analyzed for DRO/GRO via USEPA Method 8015, and the sample collected from the bottom was analyzed for DRO/GRO via USEPA Method 8015, and for benzene and BTEX via USEPA Method 8021. Each of the five (5) samples returned results below the regulatory limits determined for this site. No further excavation is required. Approximately 250 cubic yards of impacted soil was hauled to Envirotech's landfarm #2 for disposal; see attached *Bills of Lading*. The excavation will be backfilled using excess soil created during reclamation activities currently underway at the location. All applicable *Analytical Results* and *Field Notes* are attached for your reference.

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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: James McDaniel, CHMM #15676

Title: EH&S Supervisor

E-mail Address: James\_McDaniel@xtoenergy.com

Date: 2/2/2012

Phone: 505-333-3701

Approved by District Supervisor:

Approval Date: 2/27/2012

Expiration Date:

Conditions of Approval:

Attached ☐

nJK1205830617



# XTO Energy On-Site Form

Well Name Johnson gas com B # 001E API # 50-045-24166

Section 21 Township 27N Range 10W County San Juan

Contractors On-Site Care Time On-Site 11:20 Time Off-Site 4:30

Spill Amount historical bbls Spilled ( Oil / Produced Water / Other \_\_\_\_\_ )

Land Use ( Grazing Residential / Tribe \_\_\_\_\_ ) Excavation 20' x 25' x 10' deep

|                     |  |
|---------------------|--|
| <p>Site Diagram</p> | <p>4 walls taken 5pt composite</p> <p>Sample Location</p> <p>Bottom composite</p> <p>Sample Location</p> |
| <p>Comments</p>     | <p>Number of Photos Taken <u>9</u></p>   |

## Samples

| Time   | Sample # | Sample Description    | Characteristics        | OVM (ppm) | Analysis Requested |
|--------|----------|-----------------------|------------------------|-----------|--------------------|
|        | NA       | 100 Standard          | NA                     | 114       | NA                 |
|        | 1        | South wall            | Black sand/odor        | 1723      |                    |
|        | 2        | bottom sand stone 6'  | weather sandstone odor | 3470      |                    |
| 11:10A | 1        | Bottom sand stone 12' | sand stone             | 2034      |                    |
| 11:00A | 2        | N. wall               | brown sand             | 1         |                    |
| 11:03A | 3        | E. wall               | brown sand             | 8.9       |                    |
| 12:00P | 4        | W. wall               | Brown sand             | 8.6       |                    |
| 11:04A | 5        | S. wall               | Brown sand             | 96.4      |                    |

Name (Print) Logan Hixon

Date 1-27-12

Name (Signature) [Signature]

Company XTO Energy



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

James McDaniel  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

### Report Summary

Wednesday February 01, 2012

Report Number: L557990

Samples Received: 01/28/12

Client Project:

Description: Johnson Gas Com B001E

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979

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

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

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# REPORT OF ANALYSIS

February 01, 2012

James McDaniel  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

Date Received : January 28, 2012  
Description : Johnson Gas Com B001E  
Sample ID : BOTTOM 10FT  
Collected By : Logan Hixon  
Collection Date : 01/27/12 11:10

ESC Sample # : L557990-01

Site ID : JOHNSON CC

Project # :

| Parameter                    | Dry Result | Det. Limit | Units  | Method    | Date     | Dil. |
|------------------------------|------------|------------|--------|-----------|----------|------|
| Total Solids                 | 92.        |            | %      | 2540G     | 02/01/12 | 1    |
| Benzene                      | BDL        | 0.0027     | mg/kg  | 8021/8015 | 01/31/12 | 5    |
| Toluene                      | BDL        | 0.027      | mg/kg  | 8021/8015 | 01/31/12 | 5    |
| Ethylbenzene                 | BDL        | 0.0027     | mg/kg  | 8021/8015 | 01/31/12 | 5    |
| Total Xylene                 | 0.038      | 0.0081     | mg/kg  | 8021/8015 | 01/31/12 | 5    |
| TPH (GC/FID) Low Fraction    | 0.94       | 0.54       | mg/kg  | GRO       | 01/31/12 | 5    |
| Surrogate Recovery-%         |            |            |        |           |          |      |
| a,a,a-Trifluorotoluene (FID) | 98.0       |            | % Rec. | 8021/8015 | 01/31/12 | 5    |
| a,a,a-Trifluorotoluene (PID) | 103.       |            | % Rec. | 8021/8015 | 01/31/12 | 5    |
| TPH (GC/FID) High Fraction   | 11.        | 4.3        | mg/kg  | 3546/DRO  | 02/01/12 | 1    |
| Surrogate recovery(%)        |            |            |        |           |          |      |
| o-Terphenyl                  | 70.6       |            | % Rec. | 3546/DRO  | 02/01/12 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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The reported analytical results relate only to the sample submitted

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# REPORT OF ANALYSIS

February 01, 2012

James McDaniel  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

Date Received : January 28, 2012  
Description : Johnson Gas Com B001E  
Sample ID : N WALL 10FT  
Collected By : Logan Hixon  
Collection Date : 01/27/12 11:00

ESC Sample # : L557990-02

Site ID : JOHNSON CC

Project # :

| Parameter                    | Dry Result | Det. Limit | Units  | Method    | Date     | Dil. |
|------------------------------|------------|------------|--------|-----------|----------|------|
| Total Solids                 | 92.        |            | %      | 2540G     | 02/01/12 | 1    |
| TPH (GC/FID) Low Fraction    | BDL        | 0.54       | mg/kg  | 8015D/GRO | 01/31/12 | 5    |
| Surrogate Recovery (70-130)  |            |            |        |           |          |      |
| a,a,a-Trifluorotoluene (FID) | 102.       |            | % Rec. | 602/8015  | 01/31/12 | 5    |
| TPH (GC/FID) High Fraction   | BDL        | 4.3        | mg/kg  | 3546/DRO  | 02/01/12 | 1    |
| Surrogate recovery(%)        |            |            |        |           |          |      |
| o-Terphenyl                  | 74.9       |            | % Rec. | 3546/DRO  | 02/01/12 | 1    |

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# REPORT OF ANALYSIS

James McDaniel  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

February 01, 2012

Date Received : January 28, 2012  
Description : Johnson Gas Com B001E  
Sample ID : E WALL 10FT  
Collected By : Logan Hixon  
Collection Date : 01/27/12 11:03

ESC Sample # : L557990-03

Site ID : JOHNSON CC

Project # :

| Parameter  | Dry Result | Det. Limit | Units  | Method    | Date     | Dil. |
|--|------------|------------|--------|-----------|----------|------|
| Total Solids   | 92.        |            | %      | 2540G     | 02/01/12 | 1    |
| TPH (GC/FID) Low Fraction                                  | BDL        | 0.54       | mg/kg  | 8015D/GRO | 01/31/12 | 5    |
| Surrogate Recovery (70-130)<br>a,a,a-Trifluorotoluene(FID) | 103.       |            | % Rec. | 602/8015  | 01/31/12 | 5    |
| TPH (GC/FID) High Fraction                                 | 4.6        | 4.3        | mg/kg  | 3546/DRO  | 02/01/12 | 1    |
| Surrogate recovery(%)<br>o-Terphenyl                       | 76.1       |            | % Rec. | 3546/DRO  | 02/01/12 | 1    |

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BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

February 01, 2012

James McDaniel  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

Date Received : January 28, 2012  
Description : Johnson Gas Com B001E

Sample ID : W WALL 10FT

Collected By : Logan Hixon  
Collection Date : 01/27/12 12:00

ESC Sample # : L557990-04

Site ID : JOHNSON CC

Project # :

| Parameter  | Dry Result | Det. Limit | Units  | Method    | Date     | Dil. |
|--|------------|------------|--------|-----------|----------|------|
| Total Solids   | 90.        |            | %      | 2540G     | 02/01/12 | 1    |
| TPH (GC/FID) Low Fraction                                  | BDL        | 0.56       | mg/kg  | 8015D/GRO | 01/31/12 | 5    |
| Surrogate Recovery (70-130)<br>a,a,a-Trifluorotoluene(FID) | 104.       |            | % Rec. | 602/8015  | 01/31/12 | 5    |
| TPH (GC/FID) High Fraction                                 | BDL        | 4.4        | mg/kg  | 3546/DRO  | 02/01/12 | 1    |
| Surrogate recovery(%)<br>o-Terphenyl                       | 86.0       |            | % Rec. | 3546/DRO  | 02/01/12 | 1    |

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# REPORT OF ANALYSIS

February 01, 2012

James McDaniel  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

Date Received : January 28, 2012  
Description : Johnson Gas Com B001E  
Sample ID : S WALL 10FT  
Collected By : Logan Hixon  
Collection Date : 01/27/12 11:04

ESC Sample # : L557990-05

Site ID : JOHNSON CC

Project # :

| Parameter  | Dry Result | Det. Limit | Units  | Method    | Date     | Dil. |
|--|------------|------------|--------|-----------|----------|------|
| Total Solids   | 92.        |            | %      | 2540G     | 02/01/12 | 1    |
| TPH (GC/FID) Low Fraction                                  | BDL        | 0.54       | mg/kg  | 8015D/GRO | 01/31/12 | 5    |
| Surrogate Recovery (70-130)<br>a,a,a-Trifluorotoluene(FID) | 103.       |            | % Rec. | 602/8015  | 01/31/12 | 5    |
| TPH (GC/FID) High Fraction                                 | 15.        | 4.4        | mg/kg  | 3546/DRO  | 02/01/12 | 1    |
| Surrogate recovery(%)<br>o-Terphenyl                       | 63.3       |            | % Rec. | 3546/DRO  | 02/01/12 | 1    |

Results listed are dry weight basis.

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YOUR LAB OF CHOICE

XTO Energy - San Juan Division  
James McDaniel  
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report  
Level II

L557990

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| Analyte                     | Result  | Laboratory Blank<br>Units | % Rec | Limit  | Batch    | Date Analyzed  |
|-----------------------------|---------|---------------------------|-------|--------|----------|----------------|
| Benzene                     | < .0005 | mg/kg                     |       |        | WG576368 | 01/31/12 09:34 |
| Ethylbenzene                | < .0005 | mg/kg                     |       |        | WG576368 | 01/31/12 09:34 |
| Toluene                     | < .005  | mg/kg                     |       |        | WG576368 | 01/31/12 09:34 |
| TPH (GC/FID) Low Fraction   | < .1    | mg/kg                     |       |        | WG576368 | 01/31/12 09:34 |
| Total Xylene                | < .0015 | mg/kg                     |       |        | WG576368 | 01/31/12 09:34 |
| a,a,a-Trifluorotoluene(FID) |         | % Rec.                    | 98.66 | 59-128 | WG576368 | 01/31/12 09:34 |
| a,a,a-Trifluorotoluene(PID) |         | % Rec.                    | 104.2 | 54-144 | WG576368 | 01/31/12 09:34 |
| TPH (GC/FID) Low Fraction   | < .1    | mg/kg                     |       |        | WG576406 | 01/31/12 14:03 |
| a,a,a-Trifluorotoluene(FID) |         | % Rec.                    | 105.3 | 59-128 | WG576406 | 01/31/12 14:03 |
| Total Solids                | < .1    | %                         |       |        | WG576380 | 02/01/12 10:21 |
| Total Solids                | < .1    | %                         |       |        | WG576381 | 02/01/12 10:13 |
| TPH (GC/FID) High Fraction  | < 4     | ppm                       |       |        | WG576323 | 02/01/12 09:52 |
| o-Terphenyl                 |         | % Rec.                    | 72.49 | 50-150 | WG576323 | 02/01/12 09:52 |

| Analyte      | Units | Result | Duplicate<br>Duplicate | RPD   | Limit | Ref Samp   | Batch    |
|--------------|-------|--------|------------------------|-------|-------|------------|----------|
| Total Solids | %     | 90.0   | 89.7                   | 0.333 | 5     | L557990-04 | WG576380 |
| Total Solids | %     | 92.0   | 91.6                   | 0.907 | 5     | L557990-05 | WG576381 |

| Analyte                     | Units | Laboratory Control Sample<br>Known Val | Result | % Rec | Limit  | Batch    |
|-----------------------------|-------|--|--------|-------|--------|----------|
| Benzene                     | mg/kg | .05                                    | 0.0497 | 99.4  | 76-113 | WG576368 |
| Ethylbenzene                | mg/kg | .05                                    | 0.0519 | 104.  | 78-115 | WG576368 |
| Toluene                     | mg/kg | .05                                    | 0.0495 | 99.1  | 76-114 | WG576368 |
| Total Xylene                | mg/kg | .15                                    | 0.157  | 105.  | 81-118 | WG576368 |
| a,a,a-Trifluorotoluene(PID) |       |  |        | 100.7 | 54-144 | WG576368 |
| TPH (GC/FID) Low Fraction   | mg/kg | 5.5                                    | 5.28   | 96.1  | 67-135 | WG576368 |
| a,a,a-Trifluorotoluene(FID) |       |  |        | 103.4 | 59-128 | WG576368 |
| TPH (GC/FID) Low Fraction   | mg/kg | 5.5                                    | 5.71   | 104.  | 67-135 | WG576406 |
| a,a,a-Trifluorotoluene(FID) |       |  |        | 110.8 | 59-128 | WG576406 |
| Total Solids                | %     | 50                                     | 49.9   | 99.8  | 85-155 | WG576380 |
| Total Solids                | %     | 50                                     | 50.0   | 100.  | 85-155 | WG576381 |
| TPH (GC/FID) High Fraction  | ppm   | 60                                     | 48.3   | 80.6  | 50-150 | WG576323 |
| o-Terphenyl                 |       |  |        | 82.09 | 50-150 | WG576323 |

| Analyte | Units | Laboratory Control Sample Duplicate<br>Result Ref %Rec | Limit  | RPD  | Limit | Batch    |
|---------|-------|--|--------|------|-------|----------|
| Benzene | mg/kg | 0.0517 0.0497 103.                                     | 76-113 | 3.98 | 20    | WG576368 |

\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



YOUR LAB OF CHOICE

XTO Energy - San Juan Division  
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| Analyte                     | Units | Laboratory Control Sample Duplicate |        |       | Limit  | RPD   | Limit | Batch    |
|-----------------------------|-------|-------------------------------------|--------|-------|--------|-------|-------|----------|
|                             |       | Result                              | Ref    | %Rec  |        |       |       |          |
| Ethylbenzene                | mg/kg | 0.0527                              | 0.0519 | 105.  | 78-115 | 1.62  | 20    | WG576368 |
| Toluene                     | mg/kg | 0.0507                              | 0.0495 | 101.  | 76-114 | 2.24  | 20    | WG576368 |
| Total Xylene                | mg/kg | 0.159                               | 0.157  | 106.  | 81-118 | 1.37  | 20    | WG576368 |
| a,a,a-Trifluorotoluene(PID) |       |                                     |        | 102.0 | 54-144 |       |       | WG576368 |
| TPH (GC/FID) Low Fraction   | mg/kg | 5.33                                | 5.28   | 97.0  | 67-135 | 0.830 | 20    | WG576368 |
| a,a,a-Trifluorotoluene(FID) |       |                                     |        | 104.1 | 59-128 |       |       | WG576368 |
| TPH (GC/FID) Low Fraction   | mg/kg | 6.01                                | 5.71   | 109.  | 67-135 | 5.15  | 20    | WG576406 |
| a,a,a-Trifluorotoluene(FID) |       |                                     |        | 111.7 | 59-128 |       |       | WG576406 |
| TPH (GC/FID) High Fraction  | ppm   | 48.9                                | 48.3   | 82.0  | 50-150 | 1.16  | 25    | WG576323 |
| o-Terphenyl                 |       |                                     |        | 82.77 | 50-150 |       |       | WG576323 |

| Analyte                     | Units | MS Res | Matrix Spike |     |       | Limit  | Ref Samp   | Batch    |
|-----------------------------|-------|--------|--------------|-----|-------|--------|------------|----------|
|                             |       |        | Ref Res      | TV  | % Rec |        |            |          |
| TPH (GC/FID) Low Fraction   | mg/kg | 28.6   | 0            | 5.5 | 104.  | 55-109 | L557990-02 | WG576406 |
| a,a,a-Trifluorotoluene(FID) |       |        |              |     | 108.9 | 59-128 |            | WG576406 |
| TPH (GC/FID) Low Fraction   | mg/kg | 22.9   | 0            | 5.5 | 83.2  | 55-109 | L557975-01 | WG576368 |
| a,a,a-Trifluorotoluene(FID) |       |        |              |     | 103.3 | 59-128 |            | WG576368 |

| Analyte                     | Units | MSD  | Matrix Spike Duplicate |       | Limit  | RPD  | Limit | Ref Samp   | Batch    |
|-----------------------------|-------|------|------------------------|-------|--------|------|-------|------------|----------|
|                             |       |      | Ref                    | %Rec  |        |      |       |            |          |
| TPH (GC/FID) Low Fraction   | mg/kg | 27 8 | 28.6                   | 101.  | 55-109 | 2.94 | 20    | L557990-02 | WG576406 |
| a,a,a-Trifluorotoluene(FID) |       |      |                        | 109.4 | 59-128 |      |       |            | WG576406 |
| TPH (GC/FID) Low Fraction   | mg/kg | 23 5 | 22.9                   | 85.4  | 55-109 | 2 59 | 20    | L557975-01 | WG576368 |
| a,a,a-Trifluorotoluene(FID) |       |      |                        | 104 3 | 59-128 |      |       |            | WG576368 |

Batch number /Run number / Sample number cross reference

WG576368: R2019472: L557990-01  
WG576406: R2019732: L557990-02 03 04 05  
WG576380: R2020779: L557990-01 02 03 04  
WG576381: R2020780: L557990-05  
WG576323: R2020832: L557990-01 02 03 04 05

\* \* Calculations are performed prior to rounding of reported values.

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division  
James McDaniel  
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report  
Level II

L557990

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

February 01, 2012


The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Tracking # 871960310644

|   |           |   |       |  |        |   |   |  |            |              |  |
|---|-----------|---|-------|--|--------|---|---|--|------------|--------------|--|
| Company Name/Address:<br><b>XTO Energy - San Juan Division</b><br><br>382 County Road 3100<br>Aztec, NM 87410 |           | Billing Information:<br><br>XTO Energy Inc<br>Accounts Payable<br>382 CR 3100<br><br>Aztec, NM 87410  |       | Analysis/Container/Preservative  |        |   |   | Chain of Custody<br>Page ___ of ___  |            |              |  |
| Report to:  |           | Email to:   |       |  |        |   |   | <br><b>ESC</b><br>L.A.B. S.C.I.E.N.C.E.S.<br>12065 Lebanon Road<br>Mt Juliet, TN 37122<br>Phone: (800) 767-5859<br>Phone: (615) 758-5858<br>Fax: (615) 758-5859<br><br><b>L557990</b> |            |              |  |
| Project Description: <u>Johnson gas com B# 001E</u>   |           | City State Collected: <u>Kutz NM</u>  |       |  |        |   |   |  |            |              |  |
| Phone (505) 333-3100  |           | Client Project #:   |       |  |        |   |   |  |            |              |  |
| FAX:  |           | ESC Key:  |       |  |        |   |   |  |            |              |  |
| Collected by (print): <u>Logan Hixon</u>  |           | Site/Facility ID#: <u>Johnson CC B# 001E</u>  |       | P.O.#:   |        | CoCode <b>XTORNM</b> (lab use only)<br>Template/Prelogin<br>Shipped Via<br><br>Remarks/Contaminant      Sample # (lab only) |   |  |            |              |  |
| Collected by (signature):   |           | <input checked="" type="checkbox"/> <b>Rush?</b> (Lab MUST Be Notified)<br>Same Day. .... 200%<br>Next Day. .... 100%<br>Two Day. .... 50%<br>Three Day. .... 25% |       | Date Results Needed:<br>Email? <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes<br>FAX? <input type="checkbox"/> No <input type="checkbox"/> Yes |        |   |   |  |            | No. of Cntrs |  |
| Immediately   |           |   |       |  |        |   |   |  |            |              |  |
| Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>                                |           |   |       |  |        |   |   |  |            |              |  |
| Sample ID   | Comp/Grab | Matrix*   | Depth | Date   | Time   |   |   |  |            |              |  |
| Bottom  | comp      | SS  | 10'   | 1-27-12  | 11:10A | 1   | X | 4  | L556845-01 |              |  |
| N. Wall   | comp      | SS  | 10'   | 1-27-12  | 11:00A | 1   | X |  | 02         |              |  |
| E. Wall   | comp      | SS  | 10'   | 1-27-12  | 11:03A | 1   | X |  | 03         |              |  |
| W. Wall   | comp      | SS  | 10'   | 1-27-12  | 12:00P | 1   | X |  | 04         |              |  |
| S. Wall   | comp      | SS  | 10'   | 1-27-12  | 11:04P | 1   | X |  | 05         |              |  |
|   |           |   |       |  |        |   |   |  |            |              |  |
|   |           |   |       |  |        |   |   |  |            |              |  |
|   |           |   |       |  |        |   |   |  |            |              |  |
|   |           |   |       |  |        |   |   |  |            |              |  |
|   |           |   |       |  |        |   |   |  |            |              |  |
|   |           |   |       |  |        |   |   |  |            |              |  |

\*Matrix: SS - Soil/Solid GW - Groundwater WW - Waste/Water DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

8719 6031 0644 Flow \_\_\_\_\_ Other \_\_\_\_\_

|                              |               |            |                                  |   |                           |
|------------------------------|---------------|------------|----------------------------------|---|---------------------------|
| Relinquished by: (Signature) | Date: 1-27-12 | Time: 3:00 | Received by: (Signature)         | Samples returned via: <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> UPS | Condition: (lab use only) |
| Relinquished by: (Signature) | Date:         | Time:      | Received by: (Signature)         | Temp: 3.0°  | Bottles Received: 5       |
| Relinquished by: (Signature) | Date:         | Time:      | Received for lab by: (Signature) | Date: 1-28-12   | Time: 0900                |
|                              |               |            |                                  | CoG Seals Intact: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>                | pH Checked: NCF           |
|                              |               |            |                                  | YES   |                           |







MANIFEST # 40695  
DATE 1-27-12 JOB# 98031-0745

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

COMPANY CONTACT Mr. Kimmerly PHONE 970 281 3109 DATE 11-11-01

**Signatures required prior to distribution of this legal document.**



MANIFEST # 40697

DATE 1-27-12 JOB# 98031-0745

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Fonseca Tracking NAME Gilbert Garcia SIGNATURE Gilbert Garcia

COMPANY CONTACT \_\_\_\_\_ PHONE 486-4221 DATE 1-22-12

***Signatures required prior to distribution of this legal document.***

**White - Company Records, Yellow - Billing, Pink - Customer**

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# Bill of Lading

**PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401**

MANIFEST # 40709

DATE 1-30-12 JOB# 98031-0745

| LOAD NO. | COMPLETE DESCRIPTION OF SHIPMENT |                    |  |        |     |      | TRANSPORTING COMPANY |      |      |                  |
|----------|----------------------------------|--------------------|--|--------|-----|------|----------------------|------|------|------------------|
|          | POINT OF ORIGIN                  | DESTINATION        | MATERIAL                                   | GRID   | YDS | BBLS | COMPANY              | TRK# | TIME | DRIVER SIGNATURE |
| 1        | X70                              | LFH-5              | Con't                                      | R-19   | 10  | -    | Franscca             | R01  | 933  | Albert Garcia    |
| 2        | Johnson GCB #12                  | "                  | "  | R-19   | 10  | -    | "                    | R01  | 1201 | Albert Garcia    |
| 3        | "                                | "                  | "  | R-18   | 10  | -    | "                    | R01  | 1500 | Albert Garcia    |
|          |                                  |                    |  |        | 30  |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
|          |                                  |                    |  |        |     |      |                      |      |      |                  |
| RESULTS: |                                  | LANDFARM EMPLOYEE: |  | NOTES: |     |      |                      |      |      |                  |
| 280      | CHLORIDE TEST                    | 1                  | GARY LAHAR (signature)                     |        |     |      |                      |      |      |                  |
|          | PAINT FILTER TEST                | 1                  | Certification of above receipt & placement |        |     |      |                      |      |      |                  |

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Fonseca Trucking NAME Gilbert Garcia SIGNATURE Gilbert Garcia

COMPANY CONTACT Mike Jones PHONE \_\_\_\_\_ DATE 1-30-12

***Signatures required prior to distribution of this legal document.***

**White - Company Records, Yellow - Billing, Pink - Customer**

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