

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

FEB 08 2016

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: Rex Farnsworth
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100
Facility Name: Hun Ne Pah #1F	Facility Type: Gas Well (Mancos, Dakota)

Surface Owner: Tribal	Mineral Owner	API No.: 30-045-34292
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	10	25N	11W	660	FNL	1960	FWL	San Juan

Latitude 36.4208709 Longitude -107.994157

NATURE OF RELEASE

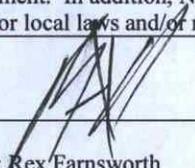
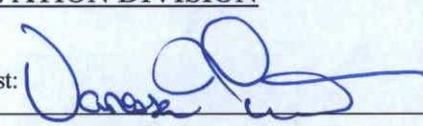
Type of Release: Produced Oil	Volume of Release: 10.5 BBL's	Volume Recovered: 10 BBL's
Source of Release: Stuffing Box on Well Head	Date and Hour of Occurrence: 1/15/2016 Time: Unknown	Date and Hour of Discovery: 1/15/2016 1:53pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
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.* On Friday, 1-15-2016 an XTO Lease Operator found the stuffing box on the Hun Ne Pah #1F location leaking from the packing onto the ground . The XTO Lease Operator estimated spill @ 10.5 bbl of produced oil that had been release onto the ground. 10 bbls of produced oil was recovered and the spill never left location. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 10 due to an estimated depth to groundwater greater than 100 feet and an arroyo over 200 feet. This set the closure standard to 1000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken. * Based on the 10.5 bbl of produced oil that was released with 10 bbl of produced oil recovered by pump truck, the remaining soil impacted around the well head (Stuffing Box) was removed by the construction department. 2.5 yards of impacted soil was taken to IEI for disposal. Sample taken on January 25, 2016 return results of Benzene (ND), BTEX at 0.537 via USEPA Method 8021, TPH of 120 via USEPA Method 8015/3546. Due to sample results returning values below the standards set for this site by the NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 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 "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>	
	Approved by Environmental Specialist: 	
Printed Name: Rex Farnsworth	Approval Date: 2/10/2016	Expiration Date:
Title: EHS Technician	Conditions of Approval:	
E-mail Address: rex_farnsworth@xtoenergy.com	Attached <input type="checkbox"/>	
Date: 2-4-2016 Phone: 505-333-3100		

* Attach Additional Sheets If Necessary

NUF1603331450

12

February 01, 2016

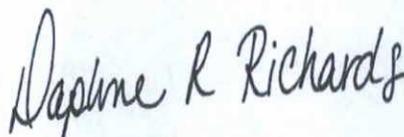
XTO Energy - San Juan Division

OIL CONS. DIV DIST. 3

Sample Delivery Group: L813715
Samples Received: 01/26/2016
Project Number: 30-045-34292
Description: Spill
Site: HUN NE PAH #1F
Report To: Rex Farnsworth
382 County Road 3100
Aztec, NM 87410

FEB 08 2016

Entire Report Reviewed By:



Daphne Richards
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE. 

	Collected by	Collected date/time	Received date/time
FARRF-012516-1047 L813715-01 Solid	Rex Farnsworth	01/25/16 10:47	01/26/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi-Volatile Organic Compounds (GC) by Method 3546/DRO	WG845201	1	01/28/16 01:12	01/28/16 12:44	AAT
Total Solids by Method 2540 G-2011	WG845113	1	01/28/16 09:08	01/29/16 10:55	KDW
Volatile Organic Compounds (GC) by Method 8015/8021	WG845471	25	01/29/16 06:00	01/29/16 11:27	BMB

1
Cp

2
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3
Ss

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Cn

5
Sr

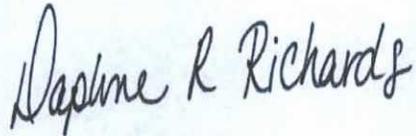
6
Qc

7
Gl

8
Al

9
Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Technical Service Representative

¹ Cp

² Tc

³ Ss

Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected date/time: 01/25/16 10:47

L813715

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.7		1	01/29/2016 10:55	WG845113

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.0136	25	01/29/2016 11:27	WG845471
Toluene	ND		0.136	25	01/29/2016 11:27	WG845471
Ethylbenzene	0.0700		0.0136	25	01/29/2016 11:27	WG845471
Total Xylene	0.467		0.0409	25	01/29/2016 11:27	WG845471
TPH (GC/FID) Low Fraction	47.5		2.73	25	01/29/2016 11:27	WG845471
(S) a,a,a-Trifluorotoluene(FID)	99.9		59.0-128		01/29/2016 11:27	WG845471
(S) a,a,a-Trifluorotoluene(PID)	100		54.0-144		01/29/2016 11:27	WG845471

3 Ss

4 Cn

Sr

6 Qc

Semi-Volatile Organic Compounds (GC) by Method 3546/DRO

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	120	J6	4.36	1	01/28/2016 12:44	WG845201
(S) o-Terphenyl	81.3		50.0-150		01/28/2016 12:44	WG845201

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

L813715-01

Method Blank (MB)

(MB) 01/29/16 10:55

Analyte	MB Result %	MB Qualifier	MB RDL %
Total Solids	0.00100		

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L813744-03 Original Sample (OS) • Duplicate (DUP)

(OS) 01/29/16 10:56 • (DUP) 01/29/16 10:57

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	88.2	89.3	1	1.33		5

Laboratory Control Sample (LCS)

(LCS) 01/29/16 10:55

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) 01/29/16 04:31

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
Benzene	ND		0.000500
Toluene	ND		0.00500
Ethylbenzene	ND		0.000500
Total Xylene	ND		0.00150
TPH (GC/FID) Low Fraction	ND		0.100
(S) a,a,a-Trifluorotoluene(FID)	100		59.0-128
(S) a,a,a-Trifluorotoluene(PID)	101		54.0-144

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 01/29/16 02:39 • (LCSD) 01/29/16 03:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0434	0.0432	86.8	86.3	70.0-130			0.560	20
Toluene	0.0500	0.0454	0.0440	90.8	88.0	70.0-130			3.09	20
Ethylbenzene	0.0500	0.0473	0.0460	94.5	91.9	70.0-130			2.77	20
Total Xylene	0.150	0.142	0.138	94.6	91.7	70.0-130			3.15	20
(S) a,a,a-Trifluorotoluene(FID)				100	100	59.0-128				
(S) a,a,a-Trifluorotoluene(PID)				99.2	99.5	54.0-144				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 01/29/16 03:24 • (LCSD) 01/29/16 03:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	5.23	5.40	95.0	98.3	63.5-137			3.38	20
(S) a,a,a-Trifluorotoluene(FID)				98.5	97.1	59.0-128				
(S) a,a,a-Trifluorotoluene(PID)				108	108	54.0-144				

L813715-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 01/29/16 11:27 • (MS) 01/29/16 11:49 • (MSD) 01/29/16 12:11

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	ND	1.04	1.04	83.0	83.6	25	49.7-127			0.670	23.5

L813715-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 01/29/16 11:27 • (MS) 01/29/16 11:49 • (MSD) 01/29/16 12:11

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Toluene	0.0500	0.0225	1.06	1.07	83.0	83.8	25	49.8-132			0.900	23.5
Ethylbenzene	0.0500	0.0642	1.15	1.17	86.8	88.5	25	40.8-141			1.82	23.8
Total Xylene	0.150	0.428	3.59	3.71	84.2	87.5	25	41.2-140			3.36	23.7
(S) a,a,a-Trifluorotoluene(FID)					101	100		59.0-128				
(S) a,a,a-Trifluorotoluene(PID)					99.4	98.9		54.0-144				

L813715-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 01/29/16 11:27 • (MS) 01/29/16 12:34 • (MSD) 01/29/16 12:55

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	43.6	157	158	82.1	83.0	25	28.5-138			0.720	23.6
(S) a,a,a-Trifluorotoluene(FID)					97.4	98.5		59.0-128				
(S) a,a,a-Trifluorotoluene(PID)					107	107		54.0-144				

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) 01/28/16 11:47

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
TPH (GC/FID) High Fraction	ND		4.00
(S) o-Terphenyl	612	J1	50.0-150

1 Cp

2 Tc

3 Ss

4 Cn

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 01/28/16 11:59 • (LCSD) 01/28/16 12:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	60.0	49.3	50.2	82.1	83.7	50.0-150			1.92	20
(S) o-Terphenyl				121	140	50.0-150				

5 Sr

Qc

7 Gl

L813715-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 01/28/16 12:44 • (MS) 01/28/16 12:56 • (MSD) 01/28/16 13:07

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	60.0	110	128	119	30.0	14.5	1	50.0-150	J6	J6	7.52	20
(S) o-Terphenyl					90.0	94.8		50.0-150				

8 Al

9 Sc



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

Gl

⁸ Al

⁹ Sc

