

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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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: Florance #74	Facility Type: Gas Well (Dakota)
Surface Owner: Federal	Mineral Owner
API No.: 30-045-32607	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	19	27N	8W	2250	FSL	790	FEL	San Juan

Latitude 36.558890 Longitude -107.715830

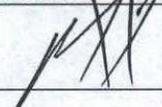
NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 20 BBL's	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: 10-13-2015 @ 12:30pm	Date and Hour of Discovery: 10-13-2015 12:30pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith / Brandon Powell (NMOCD)	
By Whom? James McDaniel (EHS Supervisor XTO Energy)	Date and Hour: 10-14-2015 @ 3:21pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. OIL CONS. DIV DIST. 3	
If a Watercourse was Impacted, Describe Fully.*	OCT 26 2015	

Describe Cause of Problem and Remedial Action Taken.* On Tuesday, 10-13-2015 an XTO employee found the steel production pit tank on the Florance #74 location leaking from the bottom of the pit tank . The XTO employee estimated 20 barrels of produced water had seeped into the ground. The Lease Operator shut the well in and had a water truck pull the remaining fluid from the production pit. No fluid was recovered from the pit cellar .The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 0 due to an estimated depth to groundwater of >100 feet, distance to a water well greater than 1000 feet, and distance to surface water >1000 feet. This set the closure standard to 5000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.*Based on the loss of 20 BBL's of produced water, a release has been confirmed at this location. The BGT cellar was sampled on October 14, 2015 and returned results of Benzene less than 0.0286 PPM, BTEX less than 0.453 PPM via USEPA Method 8021, TPH of 283.2 PPM via USEPA Method 8015/3546, and Chlorides of 65.1 via Method 9056. Due to sample results returning values below the standards set for this site by the NMOCD Guidelines for the 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 "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: 	OIL CONSERVATION DIVISION	
Printed Name: Rex Farnsworth	Approved by Environmental Specialist: 	
Title: EHS Technician	Approval Date: 12/28/2015	Expiration Date:
E-mail Address: rex_farnsworth@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10-22-15 Phone: 505-333-3117		

* Attach Additional Sheets If Necessary

NUF 1536250331

16

October 19, 2015

XTO Energy - San Juan Division

Sample Delivery Group: L794820
Samples Received: 10/16/2015
Project Number:
Description: Florance #74

Report To: James McDaniel
382 County Road 3100
Aztec, NM 87410

Entire Report Reviewed By:

Daphne R Richards

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.



FARJM-101415-1220 L794820-01 Solid

Collected by
James McDaniel

Collected date/time
10/15/15 12:20

Received date/time
10/16/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Semi-Volatile Organic Compounds (GC) by Method 3546/DRO	WG822645	5	10/16/15 19:40	10/17/15 22:28	CLG
Total Solids by Method 2540 G-2011	WG822593	1	10/16/15 16:07	10/19/15 08:25	KDW
Volatile Organic Compounds (GC) by Method 8015/8021	WG822485	50	10/16/15 11:21	10/16/15 23:00	SWG
Wet Chemistry by Method 9056MOD	WG822476	1	10/16/15 13:30	10/16/15 19:02	DJD

¹ Cp

² Tc

³ Ss

⁴ 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: 10/15/15 12:20

L794820

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.4		1	10/19/2015 08:25	WG822593

1 Cp

2 Tc

Wet Chemistry by Method 9056MOD

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	65.1		11.4	1	10/16/2015 19:02	WG822476

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0286	50	10/16/2015 23:00	WG822485
Toluene	ND		0.286	50	10/16/2015 23:00	WG822485
Ethylbenzene	ND		0.0286	50	10/16/2015 23:00	WG822485
Total Xylene	0.453		0.0858	50	10/16/2015 23:00	WG822485
TPH (GC/FID) Low Fraction	38.2		5.72	50	10/16/2015 23:00	WG822485
(S) a,a,a-Trifluorotoluene(FID)	99.2		59.0-128		10/16/2015 23:00	WG822485
(S) a,a,a-Trifluorotoluene(PID)	100		54.0-144		10/16/2015 23:00	WG822485

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TPH (GC/FID) High Fraction	245		22.9	5	10/17/2015 22:28	WG822645
(S) o-Terphenyl	56.0		50.0-150		10/17/2015 22:28	WG822645

Method Blank (MB)

(MB) 10/19/15 08:23

Analyte	MB Result %	MB Qualifier	MB RDL %
Total Solids	0.000300		

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L794714-15 Original Sample (OS) • Duplicate (DUP)

(OS) 10/19/15 08:24 • (DUP) 10/19/15 08:24

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	74.4	76.3	1	2.51		5

Laboratory Control Sample (LCS)

(LCS) 10/19/15 08:23

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) 10/16/15 14:32

Analyte	MB Result	MB Qualifier	MB RDL
Chloride	mg/kg		mg/kg
Chloride	ND		10.0

Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L794768-04 Original Sample (OS) • Duplicate (DUP)

(OS) 10/16/15 15:53 • (DUP) 10/16/15 16:01

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	mg/kg	mg/kg		%		%
Chloride	2590	2610	10	1		20

L794691-03 Original Sample (OS) • Duplicate (DUP)

(OS) 10/16/15 18:11 • (DUP) 10/16/15 18:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	mg/kg	mg/kg		%		%
Chloride	821	822	1	0		20

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

(LCS) 10/16/15 14:53 • (LCSD) 10/16/15 15:01

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Chloride	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Chloride	200	207	208	104	104	80-120			0	20

L794709-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 10/16/15 18:37 • (MS) 10/16/15 18:45 • (MSD) 10/16/15 18:54

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	250	748	1120	1120	74	74	2	80-120	J6	J6	0	20

Method Blank (MB)

(MB) 10/16/15 13:58

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)	98.5		59.0-128
(S) a,a,a-Trifluorotoluene(PID)	100		54.0-144

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

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

(LCS) 10/16/15 11:59 • (LCSD) 10/16/15 12:20

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	0.0407	0.0415	81.4	83.0	70.0-130			1.94	20
Toluene	0.0500	0.0434	0.0440	86.8	87.9	70.0-130			1.31	20
Ethylbenzene	0.0500	0.0441	0.0446	88.1	89.3	70.0-130			1.31	20
Total Xylene	0.150	0.137	0.139	91.6	92.6	70.0-130			1.09	20
(S) a,a,a-Trifluorotoluene(FID)				98.0	97.7	59.0-128				
(S) a,a,a-Trifluorotoluene(PID)				101	100	54.0-144				

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

(LCS) 10/16/15 12:41 • (LCSD) 10/16/15 13:02

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 %
TPH (GC/FID) Low Fraction	5.50	5.81	5.79	106	105	63.5-137			0.370	20
(S) a,a,a-Trifluorotoluene(FID)				99.7	99.5	59.0-128				
(S) a,a,a-Trifluorotoluene(PID)				105	103	54.0-144				

L794822-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 10/16/15 15:22 • (MS) 10/16/15 16:45 • (MSD) 10/16/15 17:06

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	0.000184	0.205	0.210	82.0	83.9	5	49.7-127			2.26	23.5

L794822-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 10/16/15 15:22 • (MS) 10/16/15 16:45 • (MSD) 10/16/15 17:06

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	0.000174	0.218	0.216	87.1	86.4	5	49.8-132			0.890	23.5
Ethylbenzene	0.0500	0.000130	0.208	0.210	83.1	84.0	5	40.8-141			1.04	23.8
Total Xylene	0.150	0.00330	0.653	0.662	86.6	87.8	5	41.2-140			1.41	23.7
<i>(S) o,o,o-Trifluorotoluene(PID)</i>					99.6	100		54.0-144				

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

L794822-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 10/16/15 15:22 • (MS) 10/16/15 17:27 • (MSD) 10/16/15 17:48

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	ND	22.5	21.7	81.9	79.0	5	28.5-138			3.50	23.6
<i>(S) o,o,o-Trifluorotoluene(FID)</i>					96.6	94.9		59.0-128				



Method Blank (MB)

(MB) 10/17/15 12:48

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
TPH (GC/FID) High Fraction	ND		4.00
(S) o-Terphenyl	82.0		50.0-150

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

(LCS) 10/17/15 12:59 • (LCSD) 10/17/15 13:10

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	46.8	45.1	78.0	75.2	50.0-150			3.68	20
(S) o-Terphenyl				83.3	78.7	50.0-150				

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 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
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

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

AI

⁹ Sc

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

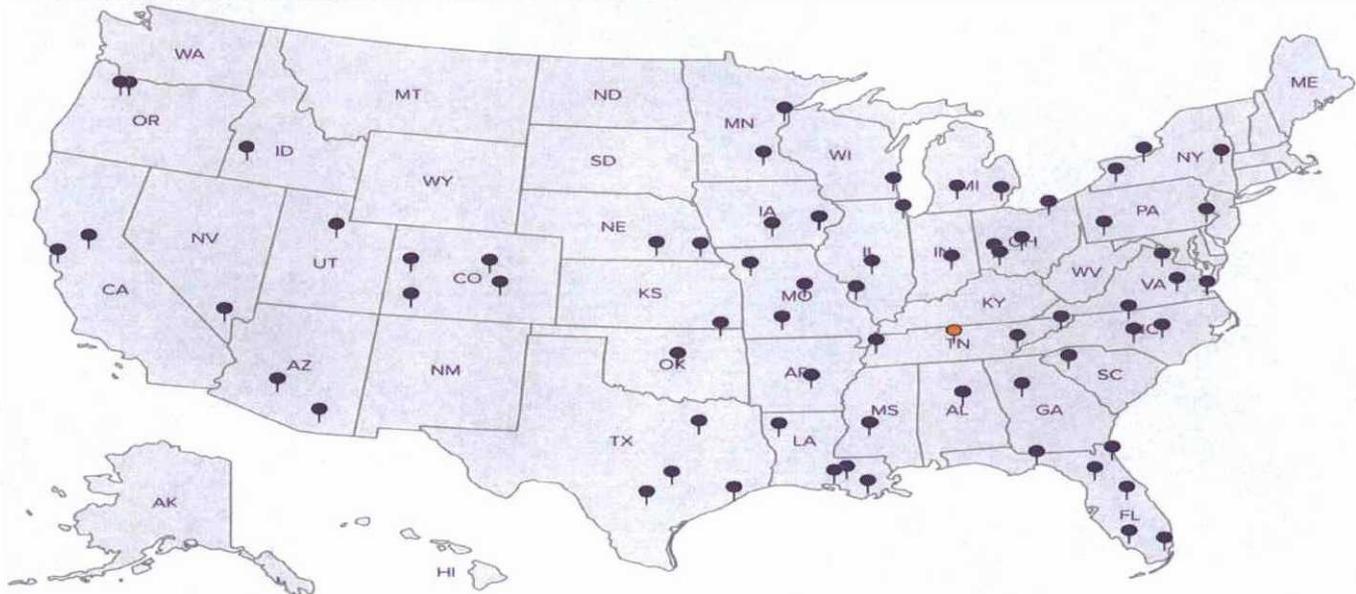
¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁹⁹ Accreditation not applicable

Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA	100789
Canada	1461.01	DOD	1461.01
EPA-Crypto	TN00003	USDA	S-67674

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Farnsworth, Rex

From: McDaniel, James
Sent: Tuesday, October 20, 2015 7:05 AM
To: Farnsworth, Rex
Subject: FW: Florance #74 BGT Leak
Attachments: Florance #74_final1.pdf

James McDaniel
EH&S Supervisor
CHMM #15676
CSP #30009
XTO Energy Inc.
382 Road 3100
Aztec, New Mexico 87410
Phone: 505.333.3701 | Mobile: 505.787.0519
james_mcdaniel@xtoenergy.com

An ExxonMobil Subsidiary

From: McDaniel, James
Sent: Wednesday, October 14, 2015 3:21 PM
To: 'Brandon Powell (brandon.powell@state.nm.us)'; Smith, Cory, EMNRD
Cc: Logan Hixon (Logan_Hixon@xtoenergy.com); Farnsworth, Rex
Subject: Florance #74 BGT Leak

Brandon/Cory,

At approximately 12:30 PM yesterday, October 13th, a leak was discovered in the BGT at the Florance #74 wellsite (api # 30-045-32607). This well is located on top of Hollis, in Section 19I, Township 27N, Range 8W, San Juan County, NM. Approximately 20 bbls of produced water was lost with none recovered. A sample was collected on October 14, 2015 to be analyzed for TPH via 8015, BTEX via 8021, and for total chlorides. The site is ranked a 'zero' pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases, setting the closure standard to 5,000 ppm TPH, 10 ppm Benzene and 50 ppm total BTEX. Please consider this the required 48 hour notice for a leak in a below grade tank pursuant to NMAC 19.15.17.12 (5).

James McDaniel
EH&S Supervisor
CHMM #15676
James McDaniel
EH&S Supervisor
CHMM #15676
CSP #30009
XTO Energy Inc.
382 Road 3100
Aztec, New Mexico 87410
Phone: 505.333.3701 | Mobile: 505.787.0519
james_mcdaniel@xtoenergy.com

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