

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

RECEIVED

JAN 15 2015

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

NMOCD

DISTRICT III

Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: Kurt Hoekstra
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100
Facility Name: Fred Feasel J # 1	Facility Type: Gas Well (Angels Peak Dakota)

Surface Owner: Federal	Mineral Owner	API No.: 30-045-07031
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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
G	34	28N	10W	1850	FNL	1850	FEL	San Juan

Latitude 36.621388 Longitude -107.880116

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 11-5-2014
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.* The below grade tank was removed at the Fred Feasel J # 1 well site due to P & A of the location. The BGT cellar beneath the BGT was sampled for TPH via USEPA Method 8015 and 418.1, for BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'pit rule' standards for benzene, total BTEX, and chloride but above the TPH standard of 100 ppm via USEPA Method 418.1 at 140 ppm, confirming that a release has occurred at this location. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks and Spills and Releases. The site was then ranked a 30 due to an estimated depth to groundwater of less than 50 feet, distance to a water well greater than 1000 feet, and distance to surface water 200 to 1000 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.* Based on TPH results of 14 ppm via USEPA Method 8015, this is below the Guidelines for the Remediation of Leaks, Spills and Releases standards. 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: <i>Kurt Hoekstra</i>		OIL CONSERVATION DIVISION	
Printed Name: Kurt Hoekstra		Approved by Environmental Specialist: <i>[Signature]</i>	
Title: EHS Coordinator	Approval Date: 3/23/15	Expiration Date:	
E-mail Address: Kurt.Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>	
Date: 1-13-15 Phone: 505-333-3100			

* Attach Additional Sheets If Necessary

#NCS 150 82 35105

(9)



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Est. 1970

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

Report Summary

Thursday November 06, 2014

Report Number: L731277

Samples Received: 11/04/14

Client Project: 30-045-07031

Description: Fred Feasel J #1

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, IA Lab #364, EPA - TN002

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

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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YOUR LAB OF CHOICE

REPORT OF ANALYSIS

November 06, 2014

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

Date Received : November 04, 2014
Description : Fred Feasel J #1
Sample ID : FARJM-103114-0945
Collected By :
Collection Date : 10/31/14 09:45

ESC Sample # : L731277-01

Site ID :

Project # : 30-045-07031

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chloride	71.	10.	mg/kg	9056MOD	11/04/14	1
Benzene	BDL	0.0025	mg/kg	8021	11/04/14	5
Toluene	BDL	0.025	mg/kg	8021	11/04/14	5
Ethylbenzene	BDL	0.0025	mg/kg	8021	11/04/14	5
Total Xylene	BDL	0.0075	mg/kg	8021	11/04/14	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	11/04/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	99.7		% Rec.	8015	11/04/14	5
a,a,a-Trifluorotoluene(PID)	106.		% Rec.	8021	11/04/14	5
TPH (GC/FID) High Fraction	14.	4.0	mg/kg	3546/DRO	11/04/14	1
Surrogate recovery(%)						
o-Terphenyl	65.5		% Rec.	3546/DRO	11/04/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 11/05/14 14:36 Revised: 11/06/14 10:15



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REPORT OF ANALYSIS

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

November 06, 2014

Date Received : November 04, 2014
Description : Fred Feasel J #1
Sample ID : FARJM-103114-0950
Collected By :
Collection Date : 10/31/14 09:50

ESC Sample # : L731277-02

Site ID :

Project # : 30-045-07031

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chloride	62.	10.	mg/kg	9056MOD	11/04/14	1
Benzene	BDL	0.0025	mg/kg	8021	11/05/14	5
Toluene	BDL	0.025	mg/kg	8021	11/05/14	5
Ethylbenzene	BDL	0.0025	mg/kg	8021	11/05/14	5
Total Xylene	BDL	0.0075	mg/kg	8021	11/05/14	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	11/05/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	99.4		% Rec.	8015	11/05/14	5
a,a,a-Trifluorotoluene (PID)	106.		% Rec.	8021	11/05/14	5
TPH (GC/FID) High Fraction	BDL	4.0	mg/kg	3546/DRO	11/04/14	1
Surrogate recovery(%)						
o-Terphenyl	69.7		% Rec.	3546/DRO	11/04/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 11/05/14 14:36 Revised: 11/06/14 10:15

Summary of Remarks For Samples Printed
11/06/14 at 10:15:33

TSR Signing Reports: 288
R2 - Rush: Next Day

Domestic Water Well Sampling-see L609759 Lobato for tests EDD's on ALL projects email James,
Kurt and Logan all reports

Sample: L731277-01 Account: XTORNM Received: 11/04/14 09:00 Due Date: 11/05/14 00:00 RPT Date: 11/05/14 14:36

Sample: L731277-02 Account: XTORNM Received: 11/04/14 09:00 Due Date: 11/05/14 00:00 RPT Date: 11/05/14 14:36



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XTO Energy - San Juan Division
James McDaniel
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Quality Assurance Report
Level II
L731277

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November 06, 2014

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzene	< .0005	mg/kg			WG752542	11/04/14 18:53
Ethylbenzene	< .0005	mg/kg			WG752542	11/04/14 18:53
Toluene	< .005	mg/kg			WG752542	11/04/14 18:53
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG752542	11/04/14 18:53
Total Xylene	< .0015	mg/kg			WG752542	11/04/14 18:53
a,a,a-Trifluorotoluene (FID)		% Rec.	101.0	59-128	WG752542	11/04/14 18:53
a,a,a-Trifluorotoluene (PID)		% Rec.	107.0	54-144	WG752542	11/04/14 18:53
Chloride	< 10	mg/kg			WG752486	11/04/14 15:30
TPH (GC/FID) High Fraction	< 4	mg/kg			WG751897	11/04/14 21:28
o-Terphenyl		% Rec.	80.30	50-150	WG751897	11/04/14 21:28

Analyte	Units	Duplicate		Limit	Ref Samp	Batch
		Result	RPD			
Chloride	mg/kg	66.0	1.00	20	L731192-05	WG752486

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0527	105.	70-130	WG752542
Ethylbenzene	mg/kg	.05	0.0525	105.	70-130	WG752542
Toluene	mg/kg	.05	0.0530	106.	70-130	WG752542
Total Xylene	mg/kg	.15	0.161	107.	70-130	WG752542
a,a,a-Trifluorotoluene (FID)				101.0	59-128	WG752542
a,a,a-Trifluorotoluene (PID)				106.0	54-144	WG752542
TPH (GC/FID) Low Fraction	mg/kg	5.5	4.85	88.1	63.5-137	WG752542
a,a,a-Trifluorotoluene (FID)				101.0	59-128	WG752542
a,a,a-Trifluorotoluene (PID)				115.0	54-144	WG752542
Chloride	mg/kg	200	205.	102.	80-120	WG752486
TPH (GC/FID) High Fraction	mg/kg	60	50.6	84.4	50-150	WG751897
o-Terphenyl				74.00	50-150	WG751897

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Benzene	mg/kg	0.0519	0.0527	104.	70-130	1.61	20	WG752542
Ethylbenzene	mg/kg	0.0503	0.0525	101.	70-130	4.25	20	WG752542
Toluene	mg/kg	0.0509	0.0530	102.	70-130	3.97	20	WG752542
Total Xylene	mg/kg	0.153	0.161	102.	70-130	5.12	20	WG752542
a,a,a-Trifluorotoluene (FID)				101.0	59-128			WG752542
a,a,a-Trifluorotoluene (PID)				106.0	54-144			WG752542
TPH (GC/FID) Low Fraction	mg/kg	4.76	4.85	86.0	63.5-137	1.80	20	WG752542
a,a,a-Trifluorotoluene (FID)				103.0	59-128			WG752542
a,a,a-Trifluorotoluene (PID)				115.0	54-144			WG752542
Chloride	mg/kg	206.	205.	103.	80-120	1.00	20	WG752486
TPH (GC/FID) High Fraction	mg/kg	51.2	50.6	85.0	50-150	1.06	20	WG751897
o-Terphenyl				76.10	50-150			WG751897

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



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Quality Assurance Report
Level II

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Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
Benzene	mg/kg	0.245	0.000332	.05	98.0	49.7-127	L731277-01	WG752542
Ethylbenzene	mg/kg	0.235	0.000516	.05	94.0	40.8-141	L731277-01	WG752542
Toluene	mg/kg	0.246	0.00129	.05	98.0	49.8-132	L731277-01	WG752542
Total Xylene	mg/kg	0.724	0.00204	.15	96.0	41.2-140	L731277-01	WG752542
a,a,a-Trifluorotoluene (FID)					101.0	59-128		WG752542
a,a,a-Trifluorotoluene (PID)					105.0	54-144		WG752542
TPH (GC/FID) Low Fraction	mg/kg	20.5	0.0755	5.5	74.0	28.5-138	L731277-01	WG752542
a,a,a-Trifluorotoluene (FID)					101.0	59-128		WG752542
a,a,a-Trifluorotoluene (PID)					114.0	54-144		WG752542
Chloride	mg/kg	565.	70.2	500	99.0	80-120	L731192-04	WG752486
TPH (GC/FID) High Fraction	mg/kg	113.	24.2	60	150.	50-150	L731190-02	WG751897
o-Terphenyl					62.60	50-150		WG751897

Analyte	Units	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec					
Benzene	mg/kg	0.252	0.245	101.	49.7-127	2.89	23.5	L731277-01	WG752542
Ethylbenzene	mg/kg	0.237	0.235	94.6	40.8-141	0.870	23.8	L731277-01	WG752542
Toluene	mg/kg	0.246	0.246	97.9	49.8-132	0.140	23.5	L731277-01	WG752542
Total Xylene	mg/kg	0.722	0.724	95.9	41.2-140	0.380	23.7	L731277-01	WG752542
a,a,a-Trifluorotoluene (FID)				100.0	59-128				WG752542
a,a,a-Trifluorotoluene (PID)				104.0	54-144				WG752542
TPH (GC/FID) Low Fraction	mg/kg	20.4	20.5	73.8	28.5-138	0.420	23.6	L731277-01	WG752542
a,a,a-Trifluorotoluene (FID)				101.0	59-128				WG752542
a,a,a-Trifluorotoluene (PID)				113.0	54-144				WG752542
Chloride	mg/kg	563.	565.	98.5	80-120	0.0	20	L731192-04	WG752486
TPH (GC/FID) High Fraction	mg/kg	107.	113.	138.	50-150	4.70	20	L731190-02	WG751897
o-Terphenyl				60.20	50-150				WG751897

Batch number / Run number / Sample number cross reference

WG752542: R3002301: L731277-01 02
WG752486: R3002378: L731277-01 02
WG751897: R3002397: L731277-01 02

- * * 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.'



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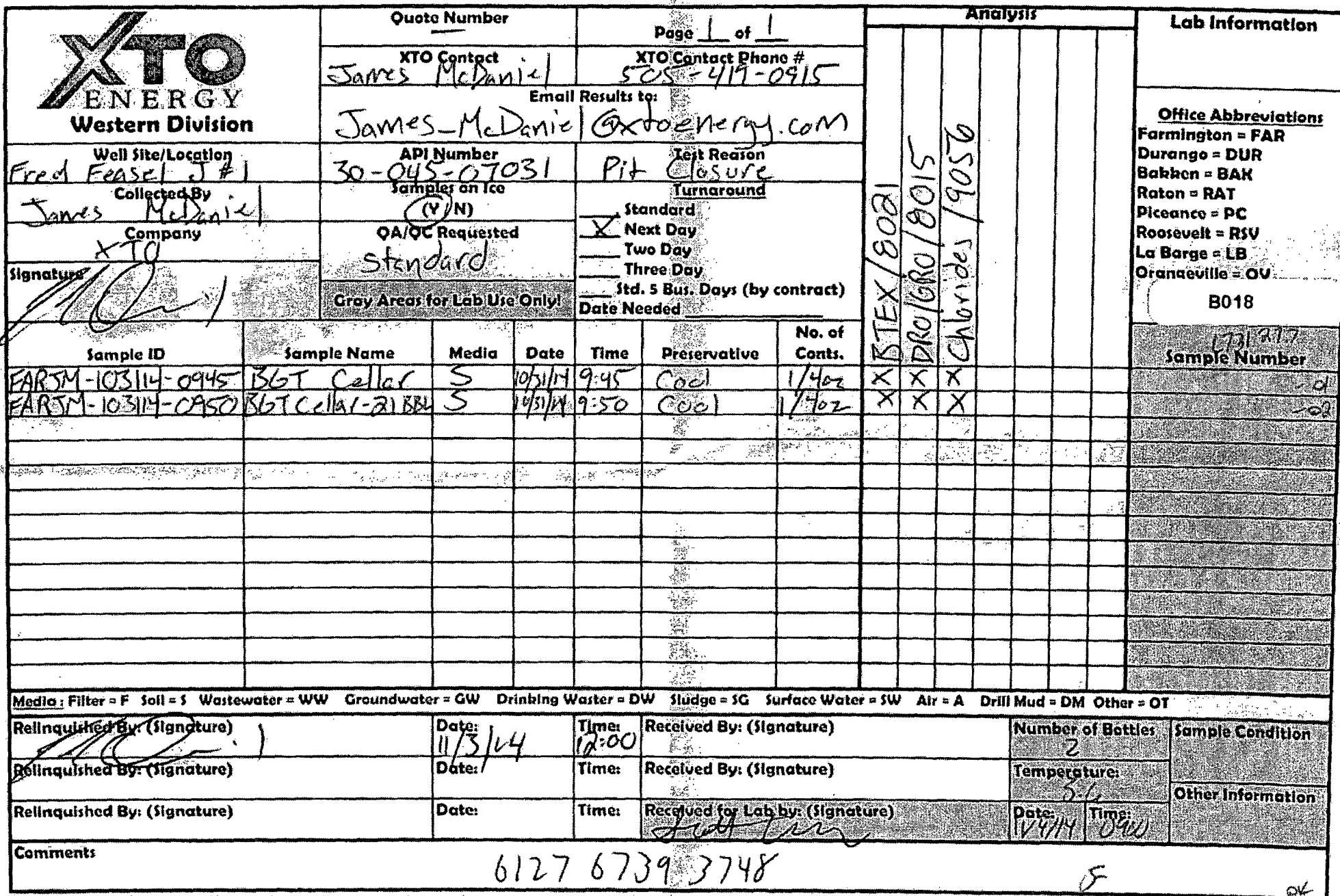
November 06, 2014

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.



* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

010.6