

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

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) 333-3202
Facility Name: La Plata # 17-1 (30-045-30391)	Facility Type: Gas Well (Basin Fruitland Coal)

Surface Owner:	Mineral Owner:	Lease No. NM-86494
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LOCATION OF RELEASE

Unit Letter C	Section 17	Township 31N	Range 13W	Feet from the 1244	North/South Line FNL	Feet from the 1744	East/West Line FWL	County San Juan
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Latitude: 36.9041 Longitude: -108.22895

RCVD AUG 2 '12
OIL CONS. DIV.

NATURE OF RELEASE

DIST. 3

Type of Release: Produced Water	Volume of Release: 20 BBLs	Volume Recovered: None
Source of Release: Water line leak	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: July 18 th 2012
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 Wednesday July 18th a water leak was discovered at the La Plata 17-1 Bayless location. The 3" poly water line coming from a transfer pump to the main line had separated at a fusion weld. The line was repaired and pressure tested and put back into service. A composite sample was collected at the beginning of the release and a composite from the middle and end of the release. The samples were submitted for laboratory analysis for TPH via USEPA Method 8015, Benzene and BTEX via USEPA Method 8021, and for chlorides. The NMOCD ranking for this site is 20 due to the depth to ground water of 50 to 100 feet, and a distance to Little Barker Arroyo of 200 to 1000 feet. Distance to the nearest significant water feature (Conger Lake) is 1.21 mi. This set the closure standard to 100 ppm TPH, 10 ppm Benzene, and 50 ppm total BTEX..

Describe Area Affected and Cleanup Action Taken.* ☐ The samples returned results below detection limits for TPH, Benzene, and total BTEX. Chlorides at the beginning of the release were 460 ppm, and 700 ppm for the composite taken at the middle and end of the release. The background sample for chloride returned results of 57 ppm. The release went approximately 360 feet east of the leak and did not reach Little Barker Arroyo. XTO believes these chloride levels do not pose a threat to human health and the environment. Analytical results, and spill assessment spill sheet, are attached for your reference. No further action is required regarding this incident.

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 District Supervisor: <i>Pratt D. Kelly</i>	
Title: Sr. Environmental Technician		Approval Date: <i>8/10/2012</i>	Expiration Date:
E-mail Address: Kurt.Hoekstra@xtoenergy.com		Conditions of Approval: <i>Check w/BLM</i>	Attached <input type="checkbox"/>
Date: 7-31-2012		<i>for Soil amendments to treat for chlorides</i>	

nJR 1222347996

Company Name/Address XTO Energy, Inc. 382 County Road 3100 Aztec, NM 87410				Alternate Billing XTORN031810S Report to James McDaniel E-mail to james_mcdaniel@xtoenergy.com				Analysis/Container/Preservative								Chain of Custody Page ___ of ___	
								<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> Prepared by: ENVIRONMENTAL Science corp 12065 Lebanon Road Mt. Juliet TN 37122 Phone (615)758-5858 Phone (800) 767-5859 FAX (615)758-5859 </div> <div style="width: 50%;"> CoCode _____ (lab use only) XTORNM Template/Prelogin _____ Shipped Via: Fed Ex _____ </div> </div>									
																Project Description	
PHONE 505-333-3701 FAX _____				Client Project No. _____				Lab Project # _____									
Collected by KURT				Site/Facility ID# _____				PO# _____									
Collected by (signature) 				Rush? (Lab MUST be Notified) <input type="checkbox"/> Next Day... 100% <input type="checkbox"/> Two Day... 50% <input type="checkbox"/> Three Day... 25%				Date Results Needed _____ Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes FAX? <input type="checkbox"/> No <input type="checkbox"/> Yes				No _____ of _____ Cntrs. _____					
Packed on Ice N <input checked="" type="checkbox"/> Y <input type="checkbox"/>																	
Sample ID		Comp/Grab	Matrix	Depth	Date	Time							Remarks/contaminant		Sample # (lab only)		
BACKGROUND		Grab	Soil		7-18	1:55	40Z JAW										
BEGINNING		Comp	Soil		7-18	2:00	40Z JAW		X	X	X						
MIDDLE & END		Comp	Soil		7-18	2:05	40Z JAW		X	X	X						

Matrix SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other _____

pH _____ Temp _____

Remarks "ONLY 1 COC Per Site!!"

Flow _____ Other _____

Relinquisher by (Signature) 	Date 7-19	Time 8:15	Received by (Signature) 	Samples returned via FedEx_X_ UPS_Other__		Condition _____ (lab use only)	
Relinquisher by (Signature) 	Date	Time	Received by (Signature) 	Temp	Bottles Received		
Relinquisher by (Signature) 	Date	Time	Received for lab by (Signature) 	Date	Time	pH-Checked	NCF

Company Name/Address XTO Energy, Inc. 382 County Road 3100 Aztec, NM 87410			Alternate Billing XTORNM031810S Report to James McDaniel E-mail to james_mcdaniel@xtoenergy.com			Analysis/Container/Preservative <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">8015</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">8021</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDE</div> </div>						Chain of Custody Page ___ of ___ A001 Prepared by: ENVIRONMENTAL Science corp 12065 Lebanon Road Mt. Juliet TN 37122 Phone (615)758-5858 Phone (800) 767-5859 FAX (615)758-5859					
Project Description LA PLATA # 17-1 BAYLESS			City/State Collected									CoCode (lab use only) XTORNM Template/Prelogin Shipped Via: Fed Ex					
PHONE 505-333-3701 FAX		Client Project No.		Lab Project #													
Collected by KURT		Site/Facility ID#		P.O #													
Collected by (signature) 		Rush? (Lab MUST be Notified) <input type="checkbox"/> Next Day... 100% <input type="checkbox"/> Two Day... 50% <input type="checkbox"/> Three Day... 25%		Date Results Needed Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes													
Packed on Ice <input checked="" type="checkbox"/> Y <input type="checkbox"/> N																	
Sample ID		Comp/Grab	Matrix	Depth	Date	Time	Units							Remarks/contaminant	Sample # (lab only)		
BACKGROUND		Grab	Soil		7-18	1:55	40Z JAR										L586109 - 01
BEGINNING		Comp	Soil		7-18	2:00	40Z JAR	X	X	X							- 02
MIDDLE & END		Comp	Soil		7-18	2:05	40Z JAR	X	X	X							- 03

Matrix SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other _____

pH _____ Temp _____

Remarks. "ONLY 1 COC Per Site!!"

Flow _____ Other _____

Relinquisher by (Signature) 	Date 7-19	Time 8:15	Received by (Signature) 	Samples returned via FedEx_X_UPS_Other_ 496345929634	Condition (lab use only)
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp 3.1C	Bottles Received 3-402
Relinquisher by (Signature)	Date	Time	Received for lab by (Signature) 	Date 7/20/12	Time 6900

pH Checked NCF



12065 Lebanon Rd.
Mt. Juliet, TN 37122
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James McDaniel
XTO Energy - San Juan Division
382 Road 3100
Aztec, NM 87410

Report Summary

Friday July 27, 2012

Report Number: L586109

Samples Received: 07/20/12

Client Project:

Description: La Plata #17-1 Bayless

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.

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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REPORT OF ANALYSIS

July 27, 2012

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

Date Received : July 20, 2012
Description : La Plata #17-1 Bayless
Sample ID : BACKGROUND
Collected By : Kurt
Collection Date : 07/18/12 13:55

ESC Sample # : L586109-01

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	57.	12.	mg/kg	9056	07/21/12	1
Total Solids	82.1	0.100	%	2540G	07/27/12	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

Reported: 07/27/12 12:11 Printed: 07/27/12 12:11



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REPORT OF ANALYSIS

July 27, 2012

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

ESC Sample # : L586109-02

Date Received : July 20, 2012
Description : La Plata #17-1 Bayless

Site ID :

Sample ID : BEGINNING

Project # :

Collected By : Kurt
Collection Date : 07/18/12 14:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	460	12.	mg/kg	9056	07/21/12	1
Total Solids	82.3	0.100	%	2540G	07/27/12	1
Benzene	BDL	0.0030	mg/kg	8021/8015	07/21/12	5
Toluene	BDL	0.030	mg/kg	8021/8015	07/21/12	5
Ethylbenzene	BDL	0.0030	mg/kg	8021/8015	07/21/12	5
Total Xylene	BDL	0.0091	mg/kg	8021/8015	07/21/12	5
TPH (GC/FID) Low Fraction	BDL	0.61	mg/kg	GRO	07/21/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	101.		% Rec.	8021/8015	07/21/12	5
a,a,a-Trifluorotoluene (PID)	104.		% Rec.	8021/8015	07/21/12	5
TPH (GC/FID) High Fraction	BDL	4.9	mg/kg	3546/DRO	07/23/12	1
Surrogate recovery(%)						
o-Terphenyl	57.3		% Rec.	3546/DRO	07/23/12	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Reported: 07/27/12 12:11 Printed: 07/27/12 12:11



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REPORT OF ANALYSIS

July 27, 2012

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

Date Received : July 20, 2012
Description : La Plata #17-1 Bayless
Sample ID : MIDDLE AND END
Collected By : Kurt
Collection Date : 07/18/12 14:05

ESC Sample # : L586109-03

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	700	12.	mg/kg	9056	07/21/12	1
Total Solids	83.5	0.100	%	2540G	07/27/12	1
Benzene	BDL	0.0030	mg/kg	8021/8015	07/21/12	5
Toluene	BDL	0.030	mg/kg	8021/8015	07/21/12	5
Ethylbenzene	BDL	0.0030	mg/kg	8021/8015	07/21/12	5
Total Xylene	BDL	0.0090	mg/kg	8021/8015	07/21/12	5
TPH (GC/FID) Low Fraction	BDL	0.60	mg/kg	GRO	07/21/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	100.		% Rec.	8021/8015	07/21/12	5
a,a,a-Trifluorotoluene(PID)	104.		% Rec.	8021/8015	07/21/12	5
TPH (GC/FID) High Fraction	31.	4.8	mg/kg	3546/DRO	07/23/12	1
Surrogate recovery(%)						
o-Terphenyl	51.7		% Rec.	3546/DRO	07/23/12	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 07/27/12 12:11 Printed: 07/27/12 12:11

Summary of Remarks For Samples Printed
07/27/12 at 12:11:25

TSR Signing Reports: 288
R5 - Desired TAT

drywt

Sample: L586109-01 Account: XTORNM Received: 07/20/12 09:00 Due Date: 07/27/12 00:00 RPT Date: 07/27/12 12:11

Sample: L586109-02 Account: XTORNM Received: 07/20/12 09:00 Due Date: 07/27/12 00:00 RPT Date: 07/27/12 12:11

Sample: L586109-03 Account: XTORNM Received: 07/20/12 09:00 Due Date: 07/27/12 00:00 RPT Date: 07/27/12 12:11



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L586109

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July 27, 2012

Analyte	Result	Laboratory Blank Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG603737	07/20/12 22:34
Ethylbenzene	< .0005	mg/kg			WG603737	07/20/12 22:34
Toluene	< .005	mg/kg			WG603737	07/20/12 22:34
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG603737	07/20/12 22:34
Total Xylene	< .0015	mg/kg			WG603737	07/20/12 22:34
a,a,a-Trifluorotoluene(FID)		% Rec.	101.4	59-128	WG603737	07/20/12 22:34
a,a,a-Trifluorotoluene(PID)		% Rec.	105.2	54-144	WG603737	07/20/12 22:34
Chloride	< 10	mg/kg			WG603646	07/21/12 10:17
TPH (GC/FID) High Fraction	< 4	ppm			WG603791	07/23/12 15:15
o-Terphenyl		% Rec.	50.42	50-150	WG603791	07/23/12 15:15
Total Solids	< .1	%			WG604451	07/27/12 08:04

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	200.	200.	0.501	20	L585950-03	WG603646
Total Solids	%	71.0	74.7	4.80	5	L586241-07	WG604451

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0530	106.	76-113	WG603737
Ethylbenzene	mg/kg	.05	0.0544	109.	78-115	WG603737
Toluene	mg/kg	.05	0.0535	107.	76-114	WG603737
Total Xylene	mg/kg	.15	0.165	110.	81-118	WG603737
a,a,a-Trifluorotoluene(PID)				104.4	54-144	WG603737
TPH (GC/FID) Low Fraction	mg/kg	5 5	6.19	113.	67-135	WG603737
a,a,a-Trifluorotoluene(FID)				101.3	59-128	WG603737
Chloride	mg/kg	200	204.	102.	80-120	WG603646
TPH (GC/FID) High Fraction	ppm	60	50.5	84.1	50-150	WG603791
o-Terphenyl				81.23	50-150	WG603791
Total Solids	%	50	50.0	100.	85-115	WG604451

Analyte	Units	Laboratory Control Sample Duplicate Result Ref %Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0503 0.0530 100.	76-113	5.27	20	WG603737
Ethylbenzene	mg/kg	0.0509 0.0544 102	78-115	6.63	20	WG603737
Toluene	mg/kg	0.0500 0.0535 100.	76-114	6.92	20	WG603737
Total Xylene	mg/kg	0.154 0.165 103.	81-118	6 55	20	WG603737
a,a,a-Trifluorotoluene(PID)						WG603737
TPH (GC/FID) Low Fraction	mg/kg	5.85 6.19 106.	54-144	5.71	20	WG603737
a,a,a-Trifluorotoluene(FID)						WG603737

* 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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Analyte	Units	Laboratory Control		Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref	%Rec					
Chloride	mg/kg	203.	204.	102.		80-120	0.491	20	WG603646
TPH (GC/FID) High Fraction	ppm	43.0	50.5	72.0		50-150	16.0	25	WG603791
o-Terphenyl				67.77		50-150			WG603791

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Benzene	mg/kg	0.0734	0	.05	29.3*	32-137	L586108-01	WG603737
Ethylbenzene	mg/kg	0.0413	0	.05	16.5	10-150	L586108-01	WG603737
Toluene	mg/kg	0.0628	0	.05	25.1	20-142	L586108-01	WG603737
Total Xylene	mg/kg	0.121	0	15	16.1	16-141	L586108-01	WG603737
a,a,a-Trifluorotoluene (PID)					104.1	54-144		WG603737
TPH (GC/FID) Low Fraction	mg/kg	18.1	0	5.5	65.7	55-109	L586108-01	WG603737
a,a,a-Trifluorotoluene (FID)					98.65	59-128		WG603737
Chloride	mg/kg	735.	210.	500	105.	80-120	L585950-02	WG603646

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Benzene	mg/kg	0.223	0.0734	89.3	32-137	101.*	39	L586108-01	WG603737
Ethylbenzene	mg/kg	0.187	0.0413	74.8	10-150	128.*	44	L586108-01	WG603737
Toluene	mg/kg	0.210	0.0628	83.9	20-142	108.*	42	L586108-01	WG603737
Total Xylene	mg/kg	0.558	0.121	74.4	16-141	129.*	46	L586108-01	WG603737
a,a,a-Trifluorotoluene (PID)				104.9	54-144				WG603737
TPH (GC/FID) Low Fraction	mg/kg	19.6	18.1	71.4	55-109	8.27	20	L586108-01	WG603737
a,a,a-Trifluorotoluene (FID)				99.48	59-128				WG603737
Chloride	mg/kg	730.	735.	104.	80-120	0.683	20	L585950-02	WG603646

Batch number / Run number / Sample number cross reference

WG603737: R2266453: L586109-02 03
WG603646: R2267093: L586109-01 02 03
WG603791: R2268613: L586109-02 03
WG604451: R2275174: L586109-01 02 03

* * 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.'



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

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July 27, 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.



XTO Energy On-Site Form

Robert L. Bayless Producer


Well Name LA PLATA #17-1 API # _____

Section 17 Township 31N Range 13W County SAN JUAN

Contractors On-Site _____ Time On-Site 1:00 Time Off-Site _____

Spill Amount 20 bbls Spilled (Oil / Produced Water / Other _____)

Land Use (Grazing / Residential / Tribe _____) Excavation 1 x _____ x _____ deep

	Sample Location
	Sample Location
Site Diagram	Sample Location
GPS TAKEN @ Transfer pump bld. Comments <u>N.36.54.248 W108°13.774'</u>	Number of Photos Taken <u>10</u>

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
	NA	100 Standard	NA		NA
1:55		BACKGROUND			8015, Chlorides
2:00		Beginning			8015, 8021, Chlorides
2:05		MIDDLE & END			8015, 8021, Chlorides

Name (Print) KURT HOEKSTRA

Date 7-18-12

Name (Signature) Kurt Hoekstra

Company XTO