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: James McDaniel
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3701
Facility Name: NV Navajo 25-4 (30-045-31303)	Facility Type: Gas Well (Fruitland Coal)

Surface Owner: Navajo	Mineral Owner:	Lease No.: 14206032172

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	25	29N	14W	725	FSL	1930	FEL	San Juan

Latitude: 36.6921 **Longitude:** -108.2593

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 23 bbls	Volume Recovered: None
Source of Release: Water Line	Date and Hour of Occurrence: March 6, 2011	Date and Hour of Discovery: March 6, 2011 - 0919
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Brandon Powell – Phone Call	
By Whom? James McDaniel	Date and Hour: March 7, 2011	
Was a Watercourse Reached? ☒ Yes ☐ No	If YES, Volume Impacting the Watercourse. 10 bbls	

If a Watercourse was Impacted, Describe Fully.
Produced water from a waterline leak left the well pad, traveling approximately 100 feet down a small drainage feature, before entering a dry wash. The spill traveled approximately 300 feet in the dry wash before ending.

Describe Cause of Problem and Remedial Action Taken.*
On March 6, 2011, a waterline leak was discovered at the NV Navajo 25-4 well site. The line had over-pressured and burst, releasing approximately 23 bbls of produced water onto the well pad. The water flowed across the well pad, and flowed off the east side of the well pad in a small drainage feature. The water traveled 100 feet in the drainage feature before entering a dry wash. The spill traveled in the dry wash for approximately 300 feet before ending. The site was ranked a 30 due to a wash at less than 200 feet, and a depth to groundwater of over 50 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX. The well was shut in, and the water pipe was replaced.

Describe Area Affected and Cleanup Action Taken.*
See Attached Remediation Report.

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: James McDaniel	Approved by District Supervisor:
Title: EH&S Coordinator	Approval Date: 5/18/11 Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval: Attached ☐
Date: 5/16/2011 Phone: 505-333-3701	nJK1122355215

RECEIVED
MAY 2011

21

Remediation Report

NV Navajo 25-4
Section 25, Township 29N, Range 14W
San Juan County, New Mexico

Introduction

On Mach 6, 2011, a XTO Lease operator noticed a waterline leak at the NV Navajo 25-4 well site. The well site was then shut in to stop the leak. An estimated 23 bbls of produced water was released when the waterline over pressures and burst. The water ran across the well site, and entered a small drainage feature on the east end of the location. The produced water traveled in the drainage feature for approximately 100 feet, before entering an unnamed wash to the south of the well pad. The wash was dry at the time. The produced water traveled approximately 300 feet in the wash before coming to an end. The site was ranked a 30 pursuant to the New Mexico Oil Conservation Division (NMOCD) Guidelines for the Remediation of Leaks, Spills and Releases, due to a wash at less than 200 feet from the site, and an estimated depth to groundwater of over 50 feet.

Remediation

On March 7, 2011, EH&S Coordinator James McDaniel was on-site to assess the spill and collect initial samples. At this time, four (4) composite samples were collected of the spill area. Sample One was collected in the drainage feature to the east of the well site. Sample Two was collected in the wash at the surface of the spill area, Sample Three was a background sample collected in the wash up gradient of the spill area, and Sample 4 was collected in the spill area on the well pad. All sampling locations can be referenced on the attached ***Field Sheets***. The three (3) spill composite samples were analyzed for DRO/GRO via USEPA Method 8015 and for BTEX via USEPA Method 8021. All four (4) samples were analyzed for chlorides as well. All three (3) spill composite samples returned BTEX results below the NMOCD standards, and the spill composite samples collected in the wash and in the drainage feature returned results below the NMOCD 100 ppm TPH standard as well. The well pad composite returned a TPH results above the NMOCD 100 ppm standard at 300 ppm. The background sample returned a chloride result of 160 ppm, while the samples collected in the spill area returned results ranging from 5,900 to 16,000 ppm on the well pad.

On March 15th, 2011, Mr. Bill Freeman with the Navajo Nation EPA (NNEPA) was notified of the release. Due to the high chlorides still present on the well pad, and the 300 ppm TPH on the well pad, we proposed a 2-3" scrape of the well pad surface at the NV Navajo 25-4 well site to remove soil impacted with chlorides and TPH on the well pad.

On March 30, 2011, a construction crew scraped approximately 2-3 inches from the surface of the well pad at the NV Navajo 25-4, hauling approximately 20 cubic yards of impacted soil to IEI for disposal. After the spill area was scraped 2-3 inches, a composite samples was collected in the scraped area. This sample was analyzed for DRO/GRO via USEPA Method 8015, and for chlorides. This sample was not analyzed for BTEX, due to the low levels of BTEX found in the initial sampling results for this release. The sample returned results of 2,300 ppm chlorides and 260 ppm TPH, with all 260 ppm being diesel range organics. Due to the low levels of BTEX and GRO (gasoline

range organics) found in the soil, XTO does not believe that the impacted soils at this location will pose a threat to human health and the environment. XTO requested the NNEPA to allow the current cleanup activities to be sufficient for this well site. On May 12, 2011, the NNEPA agreed that the release at this well site had been sufficiently remediated to levels acceptable by the NNEPA. All field sheets and analytical results applicable to this release are attached to this report for your reference.

James McDaniel
EH&S Coordinator
XTO Energy, Inc.

XTO Energy On-Site Form

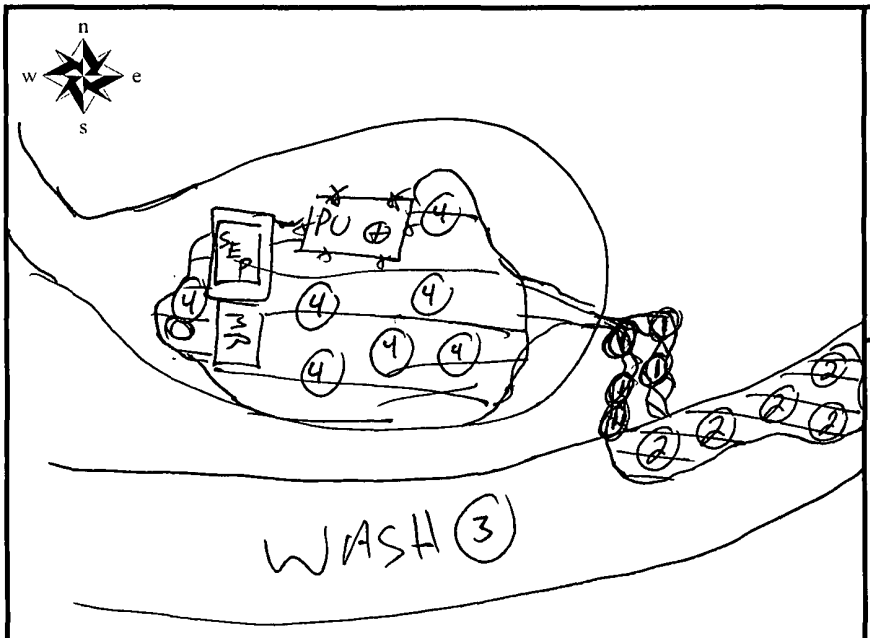
Well Name NV Navajo 25 #4 API # 30-045-31303

Section 25 Township 29N Range 14W County San Juan

Contractors On-Site None Time On-Site 1015 Time Off-Site 1110

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

Land Use (Grazing) Residential (Tribe) Navajo) Excavation — x — x — deep



Site Diagram

Sample Location

Sample Location

Comments: * no sheen or hydrocarbon odor
* limited coal fires

Number of Photos Taken: 13

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
—	NA	100 Standard	NA	—	NA
1035	1	Drainage Composite	Wet, Brown Sand	—	8015, 8021, chlorides
1040	2	Wash Composite	Wet, Brown Coarse Sand	—	8015, 8021, chlorides
1045	3	Background	Damp, Brown Coarse Sand	—	chlorides
1050	4	Wall pad composite	Wet, Brown Sandy Loam	—	8015, 8021, chlorides

Name (Print) James McDaniel Date 3/7/11

Name (Signature) [signature] Company XTO

XTO Energy On-Site Form

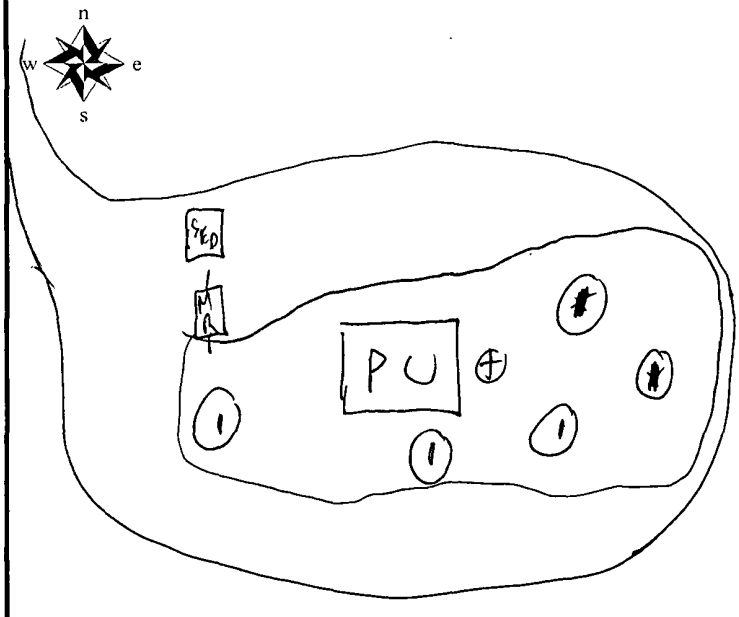
Well Name NW Navajo 25-4 API # 30-045-31303

Section 25 Township 29N Range 14W County San Juan

Contractors On-Site Keystone Time On-Site 0835 Time Off-Site 1200

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

Land Use (Grazing / Residential / (Tribe) Navajo) Excavation — x — x 2" deep



Site Diagram

Sample Location

Sample Location

Comments

Number of Photos Taken

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
—	NA	100 Standard	NA	—	NA
0930	1	Wellpad Composite-2"	Brown, Dry, Sandy	—	8015, Chloride

Name (Print) James McDaniel Date 3/30/11

Name (Signature) [signature] Company XTO

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Tax I.D. 62-0814289

Est 1970

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

Report Summary

Friday March 11, 2011

Report Number: L505080
Samples Received: 03/08/11
Client Project:

Description: NV Navajo 25-4

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:

Mark W. Beasley , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915

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

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

March 11,2011

ESC Sample # : L505080-01

Site ID : NV NAVAJO 25-4

Project # :

Date Received : March 08, 2011
Description : NV Navajo 25-4

Sample ID : DRAINAGE COMPOSITE

Collected By : James McDaniel
Collection Date : 03/07/11 10:35

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	7700	120	mg/kg	9056	03/09/11	10
Total Solids	82.		%	2540G	03/11/11	1
Benzene	BDL	0.0030	mg/kg	8021/8015	03/08/11	5
Toluene	BDL	0.030	mg/kg	8021/8015	03/08/11	5
Ethylbenzene	BDL	0.0030	mg/kg	8021/8015	03/08/11	5
Total Xylene	0.020	0.0091	mg/kg	8021/8015	03/08/11	5
TPH (GC/FID) Low Fraction	BDL	0.61	mg/kg	GRO	03/08/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	94.3		% Rec.	8021/8015	03/08/11	5
a,a,a-Trifluorotoluene(PID)	95.5		% Rec	8021/8015	03/08/11	5
TPH (GC/FID) High Fraction	28.	4.9	mg/kg	3546/DRO	03/10/11	1
Surrogate recovery(%)						
o-Terphenyl	104		% Rec.	3546/DRO	03/10/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported: 03/11/11 13 10 Printed: 03/11/11 13·11

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REPORT OF ANALYSIS

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

March 11,2011

ESC Sample # : L505080-02

Site ID : NV NAVAJO 25-4

Project # :

Date Received : March 08, 2011
Description : NV Navajo 25-4

Sample ID : WASH COMPOSITE

Collected By : James McDaniel
Collection Date : 03/07/11 10:40

Parameter	Dry Result	Det Limit	Units	Method	Date	Dil
Chloride	5900	120	mg/kg	9056	03/09/11	10
Total Solids	87.		%	2540G	03/11/11	1
Benzene	BDL	0.0029	mg/kg	8021/8015	03/08/11	5
Toluene	BDL	0.029	mg/kg	8021/8015	03/08/11	5
Ethylbenzene	BDL	0 0029	mg/kg	8021/8015	03/08/11	5
Total Xylene	BDL	0.0087	mg/kg	8021/8015	03/08/11	5
TPH (GC/FID) Low Fraction	BDL	0.58	mg/kg	GRO	03/08/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	95.6		% Rec.	8021/8015	03/08/11	5
a,a,a-Trifluorotoluene(PID)	96.8		% Rec.	8021/8015	03/08/11	5
TPH (GC/FID) High Fraction	BDL	4.6	mg/kg	3546/DRO	03/10/11	1
Surrogate recovery(%)						
o-Terphenyl	95 8		% Rec.	3546/DRO	03/10/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported. 03/11/11 13:10 Printed: 03/11/11 13:11

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REPORT OF ANALYSIS

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

March 11,2011

ESC Sample # : L505080-03

Site ID : NV NAVAJO 25-4

Project # :

Date Received : March 08, 2011
Description : NV Navajo 25-4

Sample ID : WELL PAD COMPOSITE

Collected By : James McDaniel
Collection Date : 03/07/11 10:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	16000	240	mg/kg	9056	03/09/11	20
Total Solids	85.		%	2540G	03/11/11	1
Benzene	0.028	0.0029	mg/kg	8021/8015	03/08/11	5
Toluene	0.058	0.029	mg/kg	8021/8015	03/08/11	5
Ethylbenzene	0.0068	0.0029	mg/kg	8021/8015	03/08/11	5
Total Xylene	0.039	0.0088	mg/kg	8021/8015	03/08/11	5
TPH (GC/FID) Low Fraction	1.5	0.59	mg/kg	GRO	03/08/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	94.8		% Rec.	8021/8015	03/08/11	5
a,a,a-Trifluorotoluene(PID)	97.5		% Rec.	8021/8015	03/08/11	5
TPH (GC/FID) High Fraction	300	4.7	mg/kg	3546/DRO	03/10/11	1
Surrogate recovery(%)						
o-Terphenyl	142.		% Rec.	3546/DRO	03/10/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note.

The reported analytical results relate only to the sample submitted
Reported: 03/11/11 13:10 Printed: 03/11/11 13:11

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REPORT OF ANALYSIS

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

March 11,2011

ESC Sample # : L505080-04

Site ID : NV NAVAJO 25-4

Project # :

Date Received : March 08, 2011
Description : NV Navajo 25-4

Sample ID : BACKGROUND

Collected By : James McDaniel
Collection Date : 03/07/11 10:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	160	12.	mg/kg	9056	03/09/11	1
Total Solids	83.		%	2540G	03/11/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported. 03/11/11 13:10 Printed: 03/11/11 13:11

Summary of Remarks For Samples Printed
03/11/11 at 13:11:16

TSR Signing Reports: 288
R4 - Rush: Three Day

drywt

Sample L505080-01 Account: XTORNM Received. 03/08/11 08.30 Due Date: 03/11/11 00:00 RPT Date: 03/11/11 13:10

Sample: L505080-02 Account: XTORNM Received: 03/08/11 08:30 Due Date 03/11/11 00:00 RPT Date. 03/11/11 13.10

Sample· L505080-03 Account: XTORNM Received· 03/08/11 08:30 Due Date: 03/11/11 00:00 RPT Date: 03/11/11 13:10

Sample: L505080-04 Account. XTORNM Received: 03/08/11 08:30 Due Date: 03/11/11 00:00 RPT Date: 03/11/11 13:10

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XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L505080

March 11, 2011

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG524978	03/08/11 21:06
Ethylbenzene	< .0005	mg/kg			WG524978	03/08/11 21 06
Toluene	< 005	mg/kg			WG524978	03/08/11 21 06
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG524978	03/08/11 21.06
Total Xylene	< 0015	mg/kg			WG524978	03/08/11 21.06
a,a,a-Trifluorotoluene(FID)		% Rec.	96.46	59-128	WG524978	03/08/11 21 06
a,a,a-Trifluorotoluene(PID)		% Rec.	98 05	54-144	WG524978	03/08/11 21 06
Chloride	< 10	mg/kg			WG524727	03/09/11 09:50
TPH (GC/FID) High Fraction	< 4	ppm			WG524988	03/10/11 15 24
o-Terphenyl		% Rec	95 81	50-150	WG524988	03/10/11 15 24
Total Solids	< .1	%			WG525312	03/11/11 10 33

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	1200	1200	4.26	20	L505078-02	WG524727
Total Solids	%	89 0	90 2	1 16	5	L505101-02	WG525312

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	05	0.0503	101	76-113	WG524978
Ethylbenzene	mg/kg	05	0 0481	96 3	78-115	WG524978
Toluene	mg/kg	.05	0 0479	95 8	76-114	WG524978
Total Xylene	mg/kg	15	0.144	96.2	81-118	WG524978
a,a,a-Trifluorotoluene(PID)				99.15	54-144	WG524978
TPH (GC/FID) Low Fraction	mg/kg	5 5	5.41	98.4	67-135	WG524978
a,a,a-Trifluorotoluene(FID)				102.7	59-128	WG524978
Chloride	mg/kg	200	214.	107.	85-115	WG524727
TPH (GC/FID) High Fraction	ppm	60	48 6	81 0	50-150	WG524988
o-Terphenyl				86 66	50-150	WG524988
Total Solids	%	50	50.0	100	85-155	WG525312

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0522	0 0503	104.	76-113	3.80	20	WG524978
Ethylbenzene	mg/kg	0.0500	0.0481	100	78-115	3.74	20	WG524978
Toluene	mg/kg	0 0499	0 0479	100	76-114	4 05	20	WG524978
Total Xylene	mg/kg	0 150	0.144	100	81-118	3.95	20	WG524978
a,a,a-Trifluorotoluene(PID)				97.09	54-144			WG524978
TPH (GC/FID) Low Fraction	mg/kg	5 42	5.41	98.0	67-135	0.130	20	WG524978
a,a,a-Trifluorotoluene(FID)				102 8	59-128			WG524978

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

Aztec, NM 87410

Quality Assurance Report
Level II

L505080

March 11, 2011

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Chloride	mg/kg	210.	214	105.	85-115	1 89	20	WG524727
TPH (GC/FID) High Fraction	ppm	50 2	48 6	84.0	50-150	3.25	25	WG524988
o-Terphenyl				89.46	50-150			WG524988

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/kg	0.252	0	.05	101	32-137	L505080-02	WG524978
Ethylbenzene	mg/kg	0 239	0	05	95 4	10-150	L505080-02	WG524978
Toluene	mg/kg	0 237	0	05	95 0	20-142	L505080-02	WG524978
Total Xylene	mg/kg	0.710	0	15	94.6	16-141	L505080-02	WG524978
a,a,a-Trifluorotoluene(PID)					96 04	54-144		WG524978
TPH (GC/FID) Low Fraction	mg/kg	23 7	0	5.5	86 3	55-109	L505080-02	WG524978
a,a,a-Trifluorotoluene(FID)					101 2	59-128		WG524978
TPH (GC/FID) High Fraction	ppm	52 3	0	60	87 1	50-150	L504852-19	WG524988
o-Terphenyl					91 16	50-150		WG524988

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	0.249	0.252	99.7	32-137	1.16	39	L505080-02	WG524978
Ethylbenzene	mg/kg	0.233	0 239	93 3	10-150	2.26	44	L505080-02	WG524978
Toluene	mg/kg	0.229	0 237	91 6	20-142	3 62	42	L505080-02	WG524978
Total Xylene	mg/kg	0 698	0.710	93.0	16-141	1.75	46	L505080-02	WG524978
a,a,a-Trifluorotoluene(PID)				96.45	54-144				WG524978
TPH (GC/FID) Low Fraction	mg/kg	25.2	23 7	91 6	55-109	5 99	20	L505080-02	WG524978
a,a,a-Trifluorotoluene(FID)				102.0	59-128				WG524978
TPH (GC/FID) High Fraction	ppm	54.8	52 3	91 2	50-150	4.61	25	L504852-19	WG524988
o-Terphenyl				101.3	50-150				WG524988

Batch number /Run number / Sample number cross reference

WG524978. R1603449: L505080-01 02 03
WG524727 R1605072 L505080-01 02 03 04
WG524988 R1606189. L505080-01 02 03
WG525312 R1606719· L505080-01 02 03 04

* * 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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Tax I.D. 62-0814289

Est 1970

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L505080

March 11, 2011

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

D065

Chain of Custody
Page___of___

Company Name/Address	Alternate Billing	Analysis/Container/Preservative
XTO Energy, Inc. **382 County Road 3100** **Aztec, NM 87410**	XTORNM031810S Report to James McDaniel E-mail to: James_McDaniel@xtoenergy.com	DRO (8015) 1-4oz Cool BTEX (8021) 1-4oz Cool Chlorides 1-4oz Cool

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: NV Navajo 25-4	City/State Collected: Napi, NM		
PHONE 505-333-3701 FAX	Client Project No. —	Lab Project # —	
Collected by James McDaniel	Site/Facility ID# NV Navajo 25-4	P O # —	
Collected by(signature)	Rush? (Lab MUST be Notified) X Next Day. . .. 100% _____Two Day. .... 50% _____Three Day ... 25%	Date Results Needed Email? ___No_X__Yes FAX? ___No___Yes	No of Cntrs
Packed on Ice N___ Y X			

CoCode (lab use only)
XTORNM
Template/Prelogin
Shipped Via: Fed Ex

Sample ID	Comp/Grab	Matrix	Depth	Date	Time	No of Cntrs	DRO (8015)	BTEX (8021)	Chlorides				Remarks/contaminant	Sample # (lab only)
Drainage Composite	Comp	SS	—	3/7/11	1035	1	X	X	X					L50508-01
Wash Composite	Comp	SS	—	3/7/11	1040	1	X	X	X					-02
Well Pad Composite	Comp	SS	—	3/7/11	1030	1	X	X	X					-03
Background	Comp	SS	—	3/7/11	1045	1			X					-04

Matrix: SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other_____ pH_____ Temp_____

Remarks: Flow_____ Other_____

Relinquisher by (Signature)	Date	Time	Received by (Signature)	Samples returned via FedEx_X_ UPS__Other__	Condition (lab use only)
	3/7/11	1505		434198168846	01 C
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp: 3.1°C / Bottles Received: 4	
Relinquisher by (Signature)	Date	Time	Received for lab by (Signature)	Date: 3/8/11 / Time: 0830	pH Checked: / NCF:

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

Report Summary

Tuesday April 05, 2011

Report Number: L509261
Samples Received: 04/02/11
Client Project:

Description: NV Navajo 25-4

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 R Richards

Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915

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

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

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

April 05,2011

ESC Sample # : L509261-01

Site ID : NV NAVAJO 25-4

Project # :

Date Received : April 02, 2011
Description : NV Navajo 25-4

Sample ID : WELLPAD COMP 2 IN

Collected By : James McDaniel
Collection Date : 03/30/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	2300	54.	mg/kg	9056	04/04/11	5
Total Solids	92.		%	2540G	04/05/11	1
TPH (GC/FID) Low Fraction	BDL	0.54	mg/kg	8015D/GRO	04/02/11	5
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene(FID)	103.		% Rec.	602/8015	04/02/11	5
TPH (GC/FID) High Fraction	260	4.3	mg/kg	3546/DRO	04/04/11	1
Surrogate recovery(%)						
o-Terphenyl	82.1		% Rec.	3546/DRO	04/04/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported: 04/05/11 13:34 Printed: 04/05/11 13:43

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XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L509261

April 05, 2011

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG529216	04/02/11 21 45
a,a,a-Trifluorotoluene(FID)		% Rec.	103 9	59-128	WG529216	04/02/11 21 45
Chloride	< 10	mg/kg			WG529197	04/03/11 20.11
TPH (GC/FID) High Fraction	< 4	ppm			WG529149	04/04/11 13 41
o-Terphenyl		% Rec.	73 07	50-150	WG529149	04/04/11 13 41
Total Solids	< 1	%			WG529192	04/05/11 10:10

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	93.0	92.3	0 410	5	L509261-01	WG529192

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
TPH (GC/FID) Low Fraction	mg/kg	5 5	5 25	95.4	67-135	WG529216
a,a,a-Trifluorotoluene(FID)				114 5	59-128	WG529216
Chloride	mg/kg	200	208.	104.	85-115	WG529197
TPH (GC/FID) High Fraction	ppm	60	44.8	74 6	50-150	WG529149
o-Terphenyl				72 53	50-150	WG529149
Total Solids	%	50	49.9	99.9	85-155	WG529192

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
TPH (GC/FID) Low Fraction	mg/kg	5 04	5.25	92.0	67-135	4.07	20	WG529216
a,a,a-Trifluorotoluene(FID)				113 3	59-128			WG529216
Chloride	mg/kg	208.	208	104.	85-115	0	20	WG529197
TPH (GC/FID) High Fraction	ppm	41 7	44.8	69.0	50-150	7.08	25	WG529149
o-Terphenyl				68.27	50-150			WG529149

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
TPH (GC/FID) Low Fraction	mg/kg	20 9	0 190	5 5	75 4	55-109	L509310-01	WG529216
a,a,a-Trifluorotoluene(FID)					111 5	59-128		WG529216
TPH (GC/FID) High Fraction	ppm	199	190	60	15.7*	50-150	L509268-02	WG529149
o-Terphenyl					65 61	50-150		WG529149

* Performance of this Analyte is outside of established criteria
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XTO Energy - San Juan Division
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Aztec, NM 87410

Quality Assurance Report
Level II

L509261

April 05, 2011

Analyte	Units	MSD	Matrix Spike Duplicate Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
TPH (GC/FID) Low Fraction	mg/kg	22.2	20.9	79 9	55-109	5.75	20	L509310-01	WG529216
a,a,a-Trifluorotoluene(FID)				112.0	59-128				WG529216
TPH (GC/FID) High Fraction	ppm	260.	199.	116.	50-150	26.3*	25	L509268-02	WG529149
o-Terphenyl				83.96	50-150				WG529149

Batch number /Run number / Sample number cross reference

WG529216: R1634629. L509261-01
WG529197 R1636031: L509261-01
WG529149 R1636211 L509261-01
WG529192 R1637182 L509261-01

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Quality Assurance Report
Level II

L509261

April 05, 2011

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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

Company Name/Address	Alternate Billing	Analysis/Container/Preservative	Chain of Custody Page___of___
XTO Energy, Inc. **382 County Road 3100** **Aztec, NM 87410**	XTORNM031810S Report to James McDaniel E-mail to: James_McDaniel@xtoenergy com	DRO/GRO(8015) / 1-4oz/Cool ; Chlorides / 1-4oz/Cool	Prepared by D161 **ENVIRONMENTAL Science corp** 12065 Lebanon Road Mt. Juliet TN 37122 Phone (615)758-5858 Phone (800) 767-5859 FAX (615)758-5859

Project Description: NV Navajo 25-4 — City/State Collected: Nafi, NM

PHONE: 505-333-3701 — Client Project No.: — — Lab Project #: —

FAX

Collected by: James McDaniel — Site/Facility ID#: NV Navajo 25-4 — P.O #: —

Collected by(signature): [signature]

Packed on Ice N___ Y_X_

Rush? (Lab MUST be Notified)
_X_ Next Day...... 100%
____ Two Day 50%
____ Three Day.. ......25%

Date Results Needed

Email?__No_X_Yes
FAX?___No___Yes

CoCode (lab use only)
XTORNM
Template/Prelogin
Shipped Via: Fed Ex

Sample ID	Comp/Grab	Matrix	Depth	Date	Time	No of Cntrs	DRO/GRO(8015) 1-4oz/Cool	Chlorides 1-4oz/Cool						Remarks/contaminant	Sample # (lab only)
Wellpad Comp-2"	Comp	SS	—	3/30/11	0930	1	X	X							L509261-01

Matrix: SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other______ pH__________ Temp________

Remarks 8718 6603 1050 8 Flow__________ Other__________

Relinquished by (Signature)	Date	Time	Received by (Signature)	Samples returned via FedEx X UPS__Other__		Condition (lab use only)
[signature]	4/1/11	1405				OK
Relinquished by:(Signature	Date	Time	Received by (Signature)	Temp 3.4	Bottles Received 1-4oz	
Relinquished by:(Signature	Date.	Time.	Received for lab by: (Signature) [signature]	Date 4-2-11	Time 9:00	pH Checked NCF