

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: Roosevelt SWD (3004531448)	Facility Type: Salt Water Disposal (Mesaverde)

Surface Owner: BLM	Mineral Owner:	Lease No.:
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**LOCATION OF RELEASE**

Unit Letter	Section 23	Township 30N	Range 14W	Feet from the 1850	North/South Line FSL	Feet from the 640	East/West Line FWL	County San Juan
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RCVD AUG 26 '10

Latitude: 36.79743 Longitude: -108.28529

OIL CONS. DIV.

**NATURE OF RELEASE**

**DIST. 3**

Type of Release: Produced Water (CBM)	Volume of Release: 10 bbls	Volume Recovered: None
Source of Release: Leaking Pipeline	Date and Hour of Occurrence: August 18, 2010 - 14:30	Date and Hour of Discovery: August 18, 2010 - 14:30
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
By Whom? James McDaniel	Date and Hour: August 19, 2010 - 09:30	
Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. 10 bbls	

If a Watercourse was Impacted, Describe Fully.\*

The produced water entered a drainage feature along the road for approximately 200 feet. The produced water then entered a small wash and traveled approximately 150 feet. This wash is a first order tributary of the Coolidge Arroyo. All washes were dry at the time of the spill.

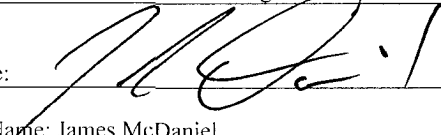

Describe Cause of Problem and Remedial Action Taken.

On August 18, 2010, an XTO employee noticed the produced water seeping up from the ground, and traveling across the road into the drainage feature. The nearby wells that used the pipeline were shut in, stopping the release. The pipeline was then uncovered using a hydro-excavator, and the leaking pipeline was repaired, pressure checked, and put back into service.

Describe Area Affected and Cleanup Action Taken.

On August 18, 2010, composite samples were collected from the drainage feature, before the spill entered the wash, and from the surface of the wash. These samples were labeled Top of Wash Composite and Bottom of Wash Composite respectively. A sample was also collected of the produced water pooled on the road where the release occurred. The wash composite samples were analyzed for TPH via USEPA Method 8015, benzene and BTEX via USEPA Method 8021, and for total chlorides. The produced water sample was analyzed for benzene and total BTEX via USEPA Method 8021. Both soil samples returned results below the NMOCD standard determined for this site of 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX. The bottom of wash composite returned chloride results of 1400 ppm, while the top of wash composite returned results of 1000 ppm total chlorides. Due to a distance of over 7.5 miles to the nearest major water way, the San Juan River, it was determined that the chloride levels would not pose a threat to human health and the environment. Analytical results are attached for your reference.

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: 		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: James McDaniel		Approved by District Supervisor:  For: CP	
Title: EH&S Specialist		Approval Date: 9/7/10	Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com		Conditions of Approval:	
Date: 8/24/2010 Phone: 505-333-3701		Attached <input type="checkbox"/>	



**YOUR LAB OF CHOICE**

12065 Lebanon Rd.  
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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

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

### Report Summary

Monday August 23, 2010

Report Number: L474843

Samples Received: 08/20/10

Client Project:

Description: Pipeline Release Near Roosevelt SWD

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 - 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

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

August 23, 2010

Date Received : August 20, 2010  
Description : Pipeline Release Near Roosevelt SWD  
Sample ID : PRODUCED WATER  
Collected By : James McDaniel  
Collection Date : 08/18/10 16:30

ESC Sample # : L474843-01

Site ID : PIPELINE RELEASE

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.030	0.00050	mg/l	8021B	08/20/10	1
Toluene	0.012	0.0050	mg/l	8021B	08/20/10	1
Ethylbenzene	0.0035	0.00050	mg/l	8021B	08/20/10	1
Total Xylene	0.023	0.0015	mg/l	8021B	08/20/10	1
Surrogate Recovery(%) a,a,a-Trifluorotoluene (PID)	97.9		% Rec.	8021B	08/20/10	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: 08/23/10 16:45 Printed: 08/23/10 16:45



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REPORT OF ANALYSIS

August 23, 2010

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

Date Received : August 20, 2010  
Description : Pipeline Release Near Roosevelt SWD  
Sample ID : BOTTOM OF WASH COMPOSITE  
Collected By : James McDaniel  
Collection Date : 08/18/10 17:00

ESC Sample # : L474843-02

Site ID : PIPELINE RELEASE

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	1400	22.	mg/kg	9056	08/20/10	2
Total Solids	92.1		%	2540G	08/20/10	1
Benzene	BDL	0.0027	mg/kg	8021/8015	08/20/10	5
Toluene	BDL	0.027	mg/kg	8021/8015	08/20/10	5
Ethylbenzene	BDL	0.0027	mg/kg	8021/8015	08/20/10	5
Total Xylene	BDL	0.0081	mg/kg	8021/8015	08/20/10	5
TPH (GC/FID) Low Fraction	BDL	0.54	mg/kg	GRO	08/20/10	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	120.		% Rec.	8021/8015	08/20/10	5
a,a,a-Trifluorotoluene (PID)	101.		% Rec.	8021/8015	08/20/10	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

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

August 23, 2010

Date Received : August 20, 2010  
Description : Pipeline Release Near Roosevelt SWD  
Sample ID : TOP OF WASH COMPOSITE  
Collected By : James McDaniel  
Collection Date : 08/18/10 16:55

ESC Sample # : L474843-03

Site ID : PIPELINE RELEASE

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	1000	11.	mg/kg	9056	08/20/10	1
Total Solids	93.5		%	2540G	08/20/10	1
Benzene	BDL	0.0027	mg/kg	8021/8015	08/20/10	5
Toluene	BDL	0.027	mg/kg	8021/8015	08/20/10	5
Ethylbenzene	BDL	0.0027	mg/kg	8021/8015	08/20/10	5
Total Xylene	BDL	0.0080	mg/kg	8021/8015	08/20/10	5
TPH (GC/FID) Low Fraction	BDL	0.53	mg/kg	GRO	08/20/10	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	120.		% Rec.	8021/8015	08/20/10	5
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021/8015	08/20/10	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

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

August 23, 2010

Date Received : August 20, 2010  
Description : Pipeline Release Near Roosevelt SWD  
Sample ID : BOTTOM OF WASH COMPOSITE  
Collected By : James McDaniel  
Collection Date : 08/18/10 17:00

ESC Sample # : L474843-04

Site ID : PIPELINE RELEASE

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.1		%	2540G	08/20/10	1
TPH (GC/FID) High Fraction	20.	4.3	mg/kg	3546/DRO	08/22/10	1
Surrogate recovery(%) o-Terphenyl	111.		% Rec.	3546/DRO	08/22/10	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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# REPORT OF ANALYSIS

August 23, 2010

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

Date Received : August 20, 2010  
Description : Pipeline Release Near Roosevelt SWD

Sample ID : TOP OF WASH COMPOSITE

Collected By : James McDaniel  
Collection Date : 08/18/10 16:55

ESC Sample # : L474843-05

Site ID : PIPELINE RELEASE

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	93.5		%	2540G	08/20/10	1
TPH (GC/FID) High Fraction	17.	4.3	mg/kg	3546/DRO	08/22/10	1
Surrogate recovery(%) o-Terphenyl	96.6		% Rec.	3546/DRO	08/22/10	1

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Reported: 08/23/10 16:45 Printed: 08/23/10 16:45

Summary of Remarks For Samples Printed  
08/23/10 at 16:45:58

TSR Signing Reports: 288  
R1 - Rush: Sameday

Sample: L474843-01 Account: XTORNM Received: 08/20/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/23/10 16:45  
Sample: L474843-02 Account: XTORNM Received: 08/20/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/23/10 16:45  
Sample: L474843-03 Account: XTORNM Received: 08/20/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/23/10 16:45  
Sample: L474843-04 Account: XTORNM Received: 08/20/10 09:00 Due Date: 08/23/10 00:00 RPT Date: 08/23/10 16:45  
Add TS, and transfer from -02 when complete.  
Sample: L474843-05 Account: XTORNM Received: 08/20/10 09:00 Due Date: 08/23/10 00:00 RPT Date: 08/23/10 16:45  
Add TS, and transfer from -03 when complete.