

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

Form C-141
Revised August 8, 2011

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 WPX Energy Production	Contact Vanessa K Fields	
Address PO Box 640	Telephone No. 505-333-1880	
Facility Name Chaco 2306 19M #191H Lease Road	Facility Type Well Site	
Surface Owner NMSF Lease #0078360	Mineral Owner BLM	API No. 30-043-21139

LOCATION OF RELEASE

Unit Letter M	Section 19	Township 23N	Range 06W	Feet from the	North/South Line	Feet from the	East/West Line	County Sandoval
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Latitude 36.21397 of the release Longitude -107.51660 of the release

NATURE OF RELEASE

Type of Release: Tank was labeled fresh Water/Substance Unknown	Volume of Release 7 BBLS	Volume Recovered 7 BBLS
Source of Release: Produced water tank valve not fully closed and tank was not completely empty during rig move resulting in spill.	Date and Hour of Occurrence 7-18-2014 10:30 am	Date and Hour of Discovery 7-18-2014 12:36 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell NMOCD, Cory Smith, NMOCD & Shari Ketcham NMBLM (See attached e-mail)	
By Whom? Vanessa Fields	Date and Hour 7-18-2014 at 12:36 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

OIL CONS. DIV DIST. 3

JUL 30 2014

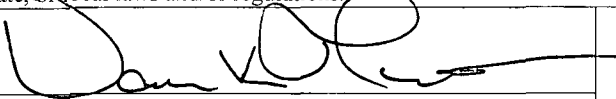
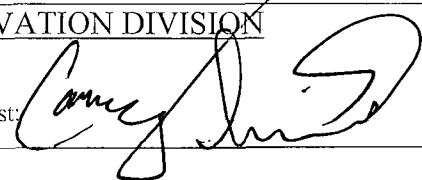
Describe Cause of Problem and Remedial Action Taken.*

A Produced water tank valve was not fully closed and tank was not completely empty during rig move resulting in spill. Going further all tanks must be completely empty during rig moves and insure all valve's are in the closed position.

Describe Area Affected and Cleanup Action Taken.*

Recovered 7 BBLS by bladeing the road and taking all contaminated obtained soil samples to access the impact. Results of the samples determined little hydrocarbon impact to soil and minimal salt (Please see attached). The analytical results with the ground to depth water report attached fall within the NMOCD spill criteria.

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: Vanessa K Fields	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 9/8/14	Expiration Date:
E-mail Address: Vanessa.fields@wpenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 7/29/2014	Phone: 333-1880	

* Attach Additional Sheets If Necessary

#Nes1425131272

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Fields, Vanessa

From: Shaw, Buddy
Sent: Monday, July 28, 2014 3:14 PM
To: Fields, Vanessa
Subject: FW: Chaco 188H/189H Road

FYI

From: Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]
Sent: Monday, July 28, 2014 3:08 PM
To: Shaw, Buddy
Subject: RE: Chaco 188H/189H Road

Buddy,

Your good to go for closure for the release.. please fill out a c-141 and attached all the required data.

Since the 8015 is under 100 mg/kg

From: Shaw, Buddy [<mailto:Buddy.Shaw@wpenergy.com>]
Sent: Monday, July 28, 2014 1:35 PM
To: Smith, Cory, EMNRD
Subject: Chaco 188H/189H Road

Per our phone call:
Road – N36.2 1397 degrees W 107.51660 degrees
Thanks

Buddy Shaw
505-386-8097

Fields, Vanessa

From: Basye, Matt
Sent: Friday, July 18, 2014 12:14 PM
To: Fields, Vanessa
Cc: VanDenBerg, Randy; Knight, Russell; Lepich, Mark; Shaw, Buddy; Thompson, Todd
Subject: Re: Spill from the Chaco 188/189 to HWY 550 AWS 730

Correction, the rig move was to the 240h/256h/292h from the 188/189. The mess is from the 188/189 pad down the road to the main road at the 208 pl tie in point.

Thanks
Matt

Sent from my iPhone

On Jul 18, 2014, at 12:04 PM, "Fields, Vanessa" <Vanessa.Fields@wpenergy.com> wrote:

Then spill is estimated to be around 5 to 8 BBL.

Just wanted to send a quick update on the spill from the Rig move from the Chaco 188/189 to the Chaco 190H. During the rig move the valve to the tank labeled fresh water was not closed and spread all the way down the road from the 188 to the 190.. I have spoke with Mark Lepich and he is on scene with Adobe. The water is black and the substance is unknown. We are obtaining soil samples from the road and bar ditch where the liquid has settled. I have spoke with Shari at the BLM to obtain approval before clean up. She has given me approval to blade the road, remove the contaminated soil; dispose of at Envirotech landfill.

Please let me know if you have any further questions at this time.

Thank you.

Vanessa Fields
Environmental Specialist
Office# 505-333-1880
Fax# 505-333-1805
Cell# 505-419-6219
vanessa.fields@wpenergy.com
<image001.jpg>



Analytical Report

Report Summary

Client: WPX Energy, Inc.
Chain Of Custody Number: 16895
Samples Received: 7/23/2014 3:32:00PM
Job Number: 04108-0136
Work Order: P407092
Project Name/Location: Spill 188/189

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', written over a horizontal line.

Date: 7/25/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Spill 188/189
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
25-Jul-14 09:14

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Road ReSample Clean Soil	P407092-01A	Soil	07/22/14	07/23/14	Glass Jar, 4 oz.

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WPX Energy, Inc.
 PO Box 21218
 Tulsa OK, 74121-1358

 Project Name: Spill 188/189
 Project Number: 04108-0136
 Project Manager: Vanessa Fields

 Reported:
 25-Jul-14 09:14

Road ReSample Clean Soil
P407092-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1430023	07/23/14	07/24/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1430023	07/23/14	07/24/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1430023	07/23/14	07/24/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1430023	07/23/14	07/24/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1430023	07/23/14	07/24/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1430023	07/23/14	07/24/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1430023	07/23/14	07/24/14	EPA 8021B	
Surrogate: Bromochlorobenzene		92.1 %		80-120	1430023	07/23/14	07/24/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		88.2 %		80-120	1430023	07/23/14	07/24/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1	1430023	07/23/14	07/24/14	EPA 8015D	
Diesel Range Organics (C10-C28)	62.0	24.9	mg/kg	1	1430022	07/23/14	07/24/14	EPA 8015D	
Surrogate: Benzo[a]pyrene		109 %		50-200	1430022	07/23/14	07/24/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	172	35.0	mg/kg	1	1430032	07/24/14	07/24/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	35.2	9.32	mg/kg	0.9	1430028	07/24/14	07/24/14	EPA 300.0	

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WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Spill 188/189
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
25-Jul-14 09:14

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1430023 - Purge and Trap EPA 5030A

Blank (1430023-BLK1)

Prepared & Analyzed: 23-Jul-14

Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.05	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
Surrogate: 1,3-Dichlorobenzene	51.3		ug/L	50.0		103	80-120			
Surrogate: Bromochlorobenzene	52.4		"	50.0		105	80-120			

Duplicate (1430023-DUP1)

Source: P407082-01

Prepared & Analyzed: 23-Jul-14

Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	ND	0.05	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: 1,3-Dichlorobenzene	48.3		ug/L	50.0		96.6	80-120			
Surrogate: Bromochlorobenzene	46.2		"	50.0		92.5	80-120			

Matrix Spike (1430023-MS1)

Source: P407082-01

Prepared & Analyzed: 23-Jul-14

Benzene	51.1		ug/L	50.0	ND	102	39-150			
Toluene	47.8		"	50.0	ND	95.6	46-148			
Ethylbenzene	50.5		"	50.0	ND	101	32-160			
p,m-Xylene	101		"	100	ND	101	46-148			
o-Xylene	50.4		"	50.0	ND	101	46-148			
Surrogate: 1,3-Dichlorobenzene	52.3		"	50.0		105	80-120			
Surrogate: Bromochlorobenzene	49.9		"	50.0		99.9	80-120			

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5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com

laboratory@envirotech-inc.com



WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Spill 188/189
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
25-Jul-14 09:14

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1430022 - DRO Extraction EPA 3550M										
Blank (1430022-BLK1)				Prepared: 23-Jul-14 Analyzed: 24-Jul-14						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: Benzo[a]pyrene	24.8		mg/L	20.0		124	50-200			
LCS (1430022-BS1)				Prepared: 23-Jul-14 Analyzed: 24-Jul-14						
Diesel Range Organics (C10-C28)	598	25.0	mg/kg	500		120	38-132			
Surrogate: Benzo[a]pyrene	24.1		mg/L	20.0		120	50-200			
Matrix Spike (1430022-MS1)				Source: P407081-01		Prepared: 23-Jul-14 Analyzed: 24-Jul-14				
Diesel Range Organics (C10-C28)	1050	25.0	mg/kg	499	767	57.1	38-132			
Surrogate: Benzo[a]pyrene	24.5		mg/L	20.0		123	50-200			
Matrix Spike Dup (1430022-MSD1)				Source: P407081-01		Prepared: 23-Jul-14 Analyzed: 24-Jul-14				
Diesel Range Organics (C10-C28)	1020	25.0	mg/kg	500	767	50.9	38-132	2.97	20	
Surrogate: Benzo[a]pyrene	20.1		mg/L	20.0		100	50-200			

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WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Spill 188/189
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
25-Jul-14 09:14

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1430023 - Purge and Trap EPA 5030A

Blank (1430023-BLK1)

Prepared & Analyzed: 23-Jul-14

Gasoline Range Organics (C6-C10) ND 4.99 mg/kg

Duplicate (1430023-DUP1)

Source: P407082-01

Prepared & Analyzed: 23-Jul-14

Gasoline Range Organics (C6-C10) ND 5.00 mg/kg ND 30

Matrix Spike (1430023-MS1)

Source: P407082-01

Prepared & Analyzed: 23-Jul-14

Gasoline Range Organics (C6-C10) 0.47 mg/L 0.450 0.01 101 75-125

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WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Spill 188/189
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
25-Jul-14 09:14

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1430032 - 418 Freon Extraction

Blank (1430032-BLK1)

Prepared & Analyzed: 24-Jul-14

Total Petroleum Hydrocarbons ND 34.9 mg/kg

Duplicate (1430032-DUP1)

Source: P407092-01

Prepared & Analyzed: 24-Jul-14

Total Petroleum Hydrocarbons 192 34.9 mg/kg 172 10.9 30

Matrix Spike (1430032-MS1)

Source: P407092-01

Prepared & Analyzed: 24-Jul-14

Total Petroleum Hydrocarbons 2060 35.0 mg/kg 2020 172 93.5 80-120

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WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Spill 188/189
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
25-Jul-14 09:14

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1430028 - Anion Extraction EPA 300.0

Blank (1430028-BLK1)

Prepared & Analyzed: 24-Jul-14

Chloride	ND	9.90	mg/kg
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LCS (1430028-BS1)

Prepared & Analyzed: 24-Jul-14

Chloride	462	9.44	mg/kg	472	97.9	90-110
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Matrix Spike (1430028-MS1)

Source: P407092-01

Prepared & Analyzed: 24-Jul-14

Chloride	495	9.51	mg/kg	475	35.2	96.7	80-120
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Matrix Spike Dup (1430028-MSD1)

Source: P407092-01

Prepared & Analyzed: 24-Jul-14

Chloride	499	9.37	mg/kg	468	35.2	99.1	80-120	0.870	20
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WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Spill 188/189
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
25-Jul-14 09:14

Notes and Definitions


DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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Rush

CHAIN OF CUSTODY RECORD

16895

Client: WPX Energy		Project Name / Location: Spill 188/189				ANALYSIS / PARAMETERS																
Email results to: Venessa.Fields@wpxenergy.com Buddy.Shaw@wpxenergy.com		Sampler Name: Greg Riley																				
Client Phone No.:		Client No.: 04108-0136																				
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
					HNO ₃	HCl																
Road ReSample clean so. 1	7/22	12:00	P467092-01	1	4oz				X	X							X	X			X	X
Relinquished by: (Signature) BS Shaw					Date	Time	Received by: (Signature) M. Manu pre										Date	Time				
					7-23-14	3:32 PM											7/23/14	3:32				
Relinquished by: (Signature)							Received by: (Signature)															
Sample Matrix:																						
Sol <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																						
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																						
					7.3																	
5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com																						