

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 Rosa SWD #001	Facility Type Well Site/SWD	
Surface Owner USFS	Mineral Owner BLM	API No. 30-039-27055

LOCATION OF RELEASE

Unit Letter I	Section 23	Township 31N	Range 06W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude 36.88435 Longitude -107.42719

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 27 BBLs	Volume Recovered 25 BBLs
Source of Release Valve not closed when changing filter on SWD	Date and Hour of Occurrence 7-9-2014 12:00 pm	Date and Hour of Discovery 7-9-2014 12:00 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Brandon Powell NMOCD, Cory Smith, NMOCD & Shari Ketcham NMBLM	
By Whom? Vanessa Fields	Date and Hour 7-9-2014 at 12:56 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse N/A	

OIL CONS. DIV DIST. 3

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

JUL 16 2014

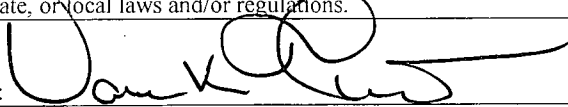
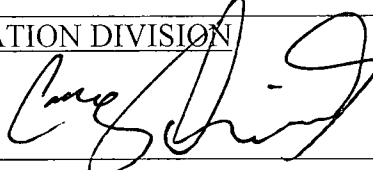
Describe Cause of Problem and Remedial Action Taken.*

Pressure relief valve left open following filter change. The 1/2 in valve for the filter pot blow down was left partially open. Tanks back fed water through valve. Water overfilled pot containment and flowed off location affecting the west perimeter of the fence.

Describe Area Affected and Cleanup Action Taken.*

Recovered 25 BBLs with spec truck, obtained soil samples to assess the impact. Results of the samples determined no hydrocarbon impact to soil and minimal salt (Please see attached). WPX racked in gypsum onto the affected area.

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: 9/5/14	Expiration Date:
E-mail Address: Vanessa.fields@wpxenergy.com	Conditions of Approval:	Attached ☐
Date: 7/15/2014	Phone: 333-1880	

* Attach Additional Sheets If Necessary

#NCS 1424853 797

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Analytical Report

Report Summary

Client: WPX Energy, Inc.

Chain Of Custody Number: 16891

Samples Received: 7/10/2014 3:12:00PM

Job Number: 04108-0136

Work Order: P407048

Project Name/Location: Rosa SWD #001

Entire Report Reviewed By:

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

Date: 7/14/14

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: Rosa SWD #001
Project Number: 04108-0136
Project Manager: Buddy Shaw

Reported:
14-Jul-14 11:27

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
On Location	P407048-01A	Soil	07/09/14	07/10/14	Glass Jar, 4 oz.
Off- Location	P407048-02A	Soil	07/09/14	07/10/14	Glass Jar, 4 oz.

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 Tulsa OK, 74121-1358

 Project Name: Rosa SWD #001
 Project Number: 04108-0136
 Project Manager: Buddy Shaw

 Reported:
 14-Jul-14 11:27

On Location
P407048-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Surrogate: Bromochlorobenzene		98.2 %		80-120		1428027	07/10/14	07/11/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		94.7 %		80-120		1428027	07/10/14	07/11/14	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg	1		1428028	07/10/14	07/11/14	EPA 8015D	
Cation/Anion Analysis										
Chloride	249	9.83	mg/kg	1		1428029	07/11/14	07/11/14	EPA 300.0	

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 PO Box 21218
 Tulsa OK, 74121-1358

 Project Name: Rosa SWD #001
 Project Number: 04108-0136
 Project Manager: Buddy Shaw

 Reported:
 14-Jul-14 11:27

Off- Location
P407048-02 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8021B	
Surrogate: Bromochlorobenzene		103 %		80-120		1428027	07/10/14	07/11/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		98.3 %		80-120		1428027	07/10/14	07/11/14	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1		1428027	07/10/14	07/11/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg	1		1428028	07/10/14	07/11/14	EPA 8015D	
Cation/Anion Analysis										
Chloride	768	9.98	mg/kg	1		1428029	07/11/14	07/11/14	EPA 300.0	

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Project Name: Rosa SWD #001
Project Number: 04108-0136
Project Manager: Buddy Shaw

Reported:
14-Jul-14 11:27

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 1428027 - Purge and Trap EPA 5030A

Blank (1428027-BLK1)

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Benzene	ND	0.001	mg/kg							
Toluene	ND	0.001	"							
Ethylbenzene	ND	0.001	"							
p,m-Xylene	ND	0.001	"							
o-Xylene	ND	0.001	"							
Total Xylenes	ND	0.001	"							
Total BTEX	ND	0.001	"							
Surrogate: 1,3-Dichlorobenzene	46.8		ug/L	50.0		93.6	80-120			
Surrogate: Bromochlorobenzene	48.1		"	50.0		96.3	80-120			

Duplicate (1428027-DUP1)

Source: P407045-02

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Benzene	ND	0.001	mg/kg		ND				30	
Toluene	ND	0.001	"		ND				30	
Ethylbenzene	ND	0.001	"		ND				30	
p,m-Xylene	ND	0.001	"		ND				30	
o-Xylene	ND	0.001	"		ND				30	
Surrogate: 1,3-Dichlorobenzene	47.7		ug/L	50.0		95.5	80-120			
Surrogate: Bromochlorobenzene	49.4		"	50.0		98.9	80-120			

Matrix Spike (1428027-MS1)

Source: P407045-02

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Benzene	47.5		ug/L	50.0	ND	94.9	39-150			
Toluene	49.1		"	50.0	ND	98.3	46-148			
Ethylbenzene	49.7		"	50.0	ND	99.3	32-160			
p,m-Xylene	99.1		"	100	ND	99.1	46-148			
o-Xylene	49.8		"	50.0	ND	99.7	46-148			
Surrogate: 1,3-Dichlorobenzene	50.2		"	50.0		100	80-120			
Surrogate: Bromochlorobenzene	51.5		"	50.0		103	80-120			

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5796 US Highway 64, Farmington, NM 87401

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

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

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: Rosa SWD #001
 Project Number: 04108-0136
 Project Manager: Buddy Shaw

 Reported:
 14-Jul-14 11:27

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 1428027 - Purge and Trap EPA 5030A

Blank (1428027-BLK1)

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Gasoline Range Organics (C6-C10) ND 0.10 mg/kg

Duplicate (1428027-DUP1)

Source: P407045-02

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Gasoline Range Organics (C6-C10) ND 0.10 mg/kg ND 30

Matrix Spike (1428027-MS1)

Source: P407045-02

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Gasoline Range Organics (C6-C10) 0.42 mg/L 0.450 ND 94.4 75-125

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 Tulsa OK, 74121-1358

 Project Name: Rosa SWD #001
 Project Number: 04108-0136
 Project Manager: Buddy Shaw

 Reported:
 14-Jul-14 11:27

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 1428028 - DRO Extraction EPA 3550C
Blank (1428028-BLK1)

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Diesel Range Organics (C10-C28) ND 29.9 mg/kg

Duplicate (1428028-DUP1)

Source: P407045-01

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Diesel Range Organics (C10-C28) ND 30.0 mg/kg ND 30

Matrix Spike (1428028-MS1)

Source: P407045-01

Prepared: 10-Jul-14 Analyzed: 11-Jul-14

Diesel Range Organics (C10-C28) 240 mg/L 250 12.9 90.9 75-125

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Project Name: Rosa SWD #001
Project Number: 04108-0136
Project Manager: Buddy Shaw

Reported:
14-Jul-14 11:27

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1428029 - Anion Extraction EPA 300.0										
Blank (1428029-BLK1)				Prepared & Analyzed: 11-Jul-14						
Chloride	ND	9.86	mg/kg							
LCS (1428029-BS1)				Prepared & Analyzed: 11-Jul-14						
Chloride	496	9.97	mg/kg	498		99.4	90-110			
Matrix Spike (1428029-MS1)				Source: P407047-01		Prepared & Analyzed: 11-Jul-14				
Chloride	500	9.93	mg/kg	497	ND	101	80-120			
Matrix Spike Dup (1428029-MSD1)				Source: P407047-01		Prepared & Analyzed: 11-Jul-14				
Chloride	537	9.98	mg/kg	499	ND	108	80-120	6.97	20	

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Project Name: Rosa SWD #001
Project Number: 04108-0136
Project Manager: Buddy Shaw

Reported:
14-Jul-14 11:27

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

16891

Client: WPX Energy		Project Name / Location: Rosa SWD #001		ANALYSIS / PARAMETERS													
Email results to: Buddy.shaw@wpenergy.com Genessa.Fields@wpenergy.com		Sampler Name: Kenny Schettman															
Client Phone No.: 333-1880		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																
on-location	7/9	1:00	P407048-01	1 4oz				X	X								X				Y	Y
off-location	7/9	1:00	P407048-02	1 4oz				X	X								X				Y	Y

Relinquished by: (Signature) B Shaw	Date 7-10-14	Time 3PM	Received by: (Signature) Dene Zozzi	Date 7/10/14	Time 3:12
Relinquished by: (Signature)			Received by: (Signature)		
Sample Matrix Soil ☒ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐					

☐ Sample(s) dropped off after hours to secure drop off area.

RUSH

