

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 Unit #227A	Facility Type Well Site	
Surface Owner USFS	Mineral Owner BLM	API No. 30-039-29512

LOCATION OF RELEASE

Unit Letter O	Section 7	Township 31N	Range 05W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
Latitude 36.91625				Longitude -107.39944				

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 8 BBLs	Volume Recovered 4 BBLs
Source of Release The pumping unit polish tube seal had broke resulting in the 8 BBL release	Date and Hour of Occurrence 7-15-2014 10:00 am	Date and Hour of Discovery 7-15-2014 10:00 am
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 7-15-2014 at 2:09 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		


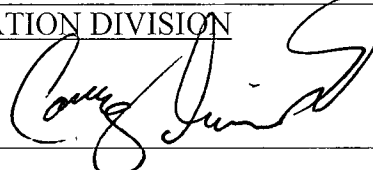
OIL CONS. DIV DIST. 3

JUL 22 2014

Describe Cause of Problem and Remedial Action Taken.*
The polish rod on the pumping units seal had broke resulting in the 8 BBL spill. The pumping unit was inspected and the seal was replaced.

Describe Area Affected and Cleanup Action Taken.*
Recovered 4 BBLs with spec truck, obtained soil samples to assess the impact. Results of the samples determined little hydrocarbon impact to soil and minimal salt (Please see attached). WPX racked in two fifty pound bags of gypsum onto the affected area. 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@wpxenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 7/22/2014	Phone: 333-1880	

* Attach Additional Sheets If Necessary

#NCS 1425132762

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Ground Bed Drilling Log

Company: **Williams Production Co.**

Well: **Rosa Unit 227A**

Date: 5/23/06

Location: Sec. 7 T31N R5W

Duel Well:

State: NM

Ground Bed Depth: 500'

Diameter: 6 3/4"

Indicate Water Zone Depth: 160' Damp Sand

Isolation Plugs Set: NO

If So Where:

Coke:

Type: Loresco SWS

Total Weight: 2000 lbs.

Anodes:

Type: Silicon Iron Type D

Weight: 45 lbs.

Power Source: Battery

Volts: 13.7

Amps: 18.5

Resistance: 0.741

Depth Ft	Drilling Log	Logged	Anodes Log Coked	Depth	Remarks
0-20'	8" PVC				
20'-160'	Sand Stone				
160'-240'	Sandy Shale				
240'-380'	Shale				
380'-400'	Sandy Shale				
400'	Shale	2.0	4.0	400'	#10
410'	"	2.2	4.3	410'	#9
420'	"	2.3	4.6	420'	#8
430'	"	2.5	5.0	430'	#7
440'	"	2.7	5.4	440'	#6
450'	"	2.6	5.3	450'	#5
460'	"	2.8	5.7	460'	#4
470'	"	3.0	6.0	470'	#3
480'	"	3.0	5.9	480'	#2
490'	"	2.1	4.2	490'	#1
500'	"	1.8			

Fields, Vanessa

From: Fields, Vanessa
Sent: Tuesday, July 15, 2014 2:09 PM
To: 'Powell, Brandon, EMNRD'; 'Smith, Cory, EMNRD'; 'Ketcham, Shari'
Cc: Thompson, Todd; Shaw, Buddy
Subject: Rosa Unit#227A 8BBL Produced Water Spill

Importance: High

Rosa Unit #227A 30-039-25063 N07 31N 05W

Today (July 15, 2014) at approximately 10:00 am it was discovered that the polish tube on the pumping unit was leaking on the Rosa Unit#227A, due to a ruptured seal. 8 BBLS of produced water was released, 4 BBLS were recovered with a spec truck. All liquids were contained to the disturbed area. A soil sample was obtained, results will follow with a C-141.

Please let me know if you have any questions and/or concerns.

Thank you,

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

WPXENERGY.



Analytical Report

Report Summary

Client: WPX Energy, Inc.
Chain Of Custody Number: 16723
Samples Received: 7/16/2014 4:02:00PM
Job Number: 04108-0136
Work Order: P407063
Project Name/Location: Rosa 227A Spill

Entire Report Reviewed By:

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

Date: 7/18/14

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 7/18/14 10:27 am

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 227A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
18-Jul-14 16:02

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Rosa 227A	P407063-01A	Soil	07/15/14	07/16/14	Glass Jar, 4 oz.

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

 Project Name: Rosa 227A Spill
 Project Number: 04108-0136
 Project Manager: Vanessa Fields

 Reported:
 18-Jul-14 16:02

Rosa 227A
P407063-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.05	mg/kg	1		1429021	07/17/14	07/17/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1		1429021	07/17/14	07/17/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1		1429021	07/17/14	07/17/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1		1429021	07/17/14	07/17/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1		1429021	07/17/14	07/17/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1		1429021	07/17/14	07/17/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1		1429021	07/17/14	07/17/14	EPA 8021B	
Surrogate: Bromochlorobenzene		100 %		80-120		1429021	07/17/14	07/17/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		90.0 %		80-120		1429021	07/17/14	07/17/14	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1		1429021	07/17/14	07/17/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg	1		1429020	07/17/14	07/17/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	104	35.0	mg/kg	1		1429024	07/17/14	07/17/14	EPA 418.1	
Cation/Anion Analysis										
Chloride	215	9.93	mg/kg	1		1429023	07/17/14	07/17/14	EPA 300.0	

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

Project Name: Rosa 227A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
18-Jul-14 16:02

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 1429021 - Purge and Trap EPA 5030A

Blank (1429021-BLK1)

Prepared: 16-Jul-14 Analyzed: 17-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	43.2		ug/L	50.0		86.4	80-120			
Surrogate: Bromochlorobenzene	48.8		"	50.0		97.6	80-120			

Duplicate (1429021-DUP1)

Source: P407067-01

Prepared: 16-Jul-14 Analyzed: 17-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	44.2		ug/L	50.0		88.4	80-120			
Surrogate: Bromochlorobenzene	48.3		"	50.0		96.6	80-120			

Matrix Spike (1429021-MS1)

Source: P407067-01

Prepared: 16-Jul-14 Analyzed: 17-Jul-14

Benzene	50.2		ug/L	50.0	ND	100	39-150			
Toluene	49.4		"	50.0	ND	98.7	46-148			
Ethylbenzene	49.4		"	50.0	ND	98.7	32-160			
p,m-Xylene	98.3		"	100	ND	98.3	46-148			
o-Xylene	49.4		"	50.0	ND	98.8	46-148			
Surrogate: 1,3-Dichlorobenzene	46.9		"	50.0		93.9	80-120			
Surrogate: Bromochlorobenzene	51.1		"	50.0		102	80-120			

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

Project Name: Rosa 227A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
18-Jul-14 16:02

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 1429020 - DRO Extraction EPA 3550M

Blank (1429020-BLK1)

Prepared: 16-Jul-14 Analyzed: 17-Jul-14

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

Duplicate (1429020-DUP1)

Source: P407067-01

Prepared: 16-Jul-14 Analyzed: 17-Jul-14

Diesel Range Organics (C10-C28) ND 29.9 mg/kg ND 30

Matrix Spike (1429020-MS1)

Source: P407067-01

Prepared: 16-Jul-14 Analyzed: 17-Jul-14

Diesel Range Organics (C10-C28) 244 mg/L 250 5.44 95.3 75-125

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

Project Name: Rosa 227A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
18-Jul-14 16:02

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 1429021 - Purge and Trap EPA 5030A

Blank (1429021-BLK1)

Prepared: 16-Jul-14 Analyzed: 17-Jul-14

Gasoline Range Organics (C6-C10) ND 4.98 mg/kg

Duplicate (1429021-DUP1)

Source: P407067-01

Prepared: 16-Jul-14 Analyzed: 17-Jul-14

Gasoline Range Organics (C6-C10) ND 4.98 mg/kg ND 30

Matrix Spike (1429021-MS1)

Source: P407067-01

Prepared: 16-Jul-14 Analyzed: 17-Jul-14

Gasoline Range Organics (C6-C10) 0.44 mg/L 0.450 0.02 94.2 75-125

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

 Project Name: Rosa 227A Spill
 Project Number: 04108-0136
 Project Manager: Vanessa Fields

 Reported:
 18-Jul-14 16:02

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 1429024 - 418 Freon Extraction
Blank (1429024-BLK1)

Prepared & Analyzed: 17-Jul-14

Total Petroleum Hydrocarbons ND 35.0 mg/kg

Duplicate (1429024-DUP1)

Source: P407067-01

Prepared & Analyzed: 17-Jul-14

Total Petroleum Hydrocarbons 47.9 34.9 mg/kg 47.9 0.114 30

Matrix Spike (1429024-MS1)

Source: P407067-01

Prepared & Analyzed: 17-Jul-14

Total Petroleum Hydrocarbons 1870 34.9 mg/kg 2020 47.9 90.3 80-120

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

Project Name: Rosa 227A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
18-Jul-14 16:02

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 1429023 - Anion Extraction EPA 300.0

Blank (1429023-BLK1)

Prepared & Analyzed: 17-Jul-14

Chloride	ND	9.94	mg/kg
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LCS (1429023-BS1)

Prepared & Analyzed: 17-Jul-14

Chloride	517	9.97	mg/kg	499	104	90-110
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Matrix Spike (1429023-MS1)

Source: P407063-01

Prepared & Analyzed: 17-Jul-14

Chloride	683	9.97	mg/kg	499	215	93.8	80-120
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Matrix Spike Dup (1429023-MSD1)

Source: P407063-01

Prepared & Analyzed: 17-Jul-14

Chloride	751	9.97	mg/kg	499	215	107	80-120	9.49	20
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WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Rosa 227A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
18-Jul-14 16:02

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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Kush

CHAIN OF CUSTODY RECORD

16723

Client: <u>WPX Energy</u>		Project Name / Location: <u>Rosa 227A Spill</u>			ANALYSIS / PARAMETERS																		
Email results to: <u>Vanessa.Fields@wpxenergy.com</u> <u>Buddy.Shaw@wpxenergy.com</u>		Sampler Name: <u>Dave Randleman</u>																					
Client Phone No.:		Client No.: <u>04108-0136</u>																					
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																	
<u>Rosa 227A</u>	<u>7/15</u>	<u>1300</u>	<u>P407063-01</u>	<u>1</u>	<u>402</u>				<u>X</u>	<u>X</u>							<u>X</u>	<u>X</u>				<u>Y</u>	<u>Y</u>
Relinquished by: (Signature) <u>[Signature]</u>					Date	Time	Received by: (Signature) <u>[Signature]</u>										Date	Time					
					<u>7/16/14</u>	<u>1601</u>											<u>7/16/14</u>	<u>1602</u>					
Relinquished by: (Signature)							Received by: (Signature)																
Sample Matrix																							
Soil <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.																							
 envirotech ⁸⁻⁵ Analytical Laboratory																							
5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc																							