

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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 #018A	Facility Type	Well Site
Surface Owner	USFS	Mineral Owner	USFS
		API No.	30-039-25436

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	22	31N	06W					Rio Arriba

Latitude 36.52.52.02 & 36.52.51.41 Longitude -107.263755 & -107.26371

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	30 BBLS	Volume Recovered	10 BBLS
Source of Release	Production Tank	Date and Hour of Occurrence	8-30-2014 10:30 am	Date and Hour of Discovery	8-30-2014 10:30 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 Ketchum (See attached e-mail)		
By Whom?	Vanessa Fields	Date and Hour	8-30-2014 at 12:04 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

RCVD SEP 8 '14
OIL CONS. DIV.
DIST. 3

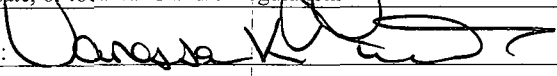
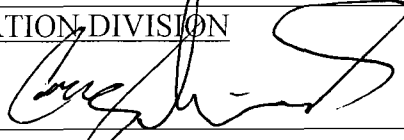
Describe Cause of Problem and Remedial Action Taken.*

The production tank overflowed in the tank berm's containment area due to alarm failure. Further investigation is ongoing to determine the cause of the equipment failure.

Describe Area Affected and Cleanup Action Taken.*

Produced water spill was contained to the Production Tanks berm area. (Referenced Google Image attached) Recovered 10 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 120 pound bags of gypsum onto the affected area. The analytical results attached fall within the NMOCD spill criteria.

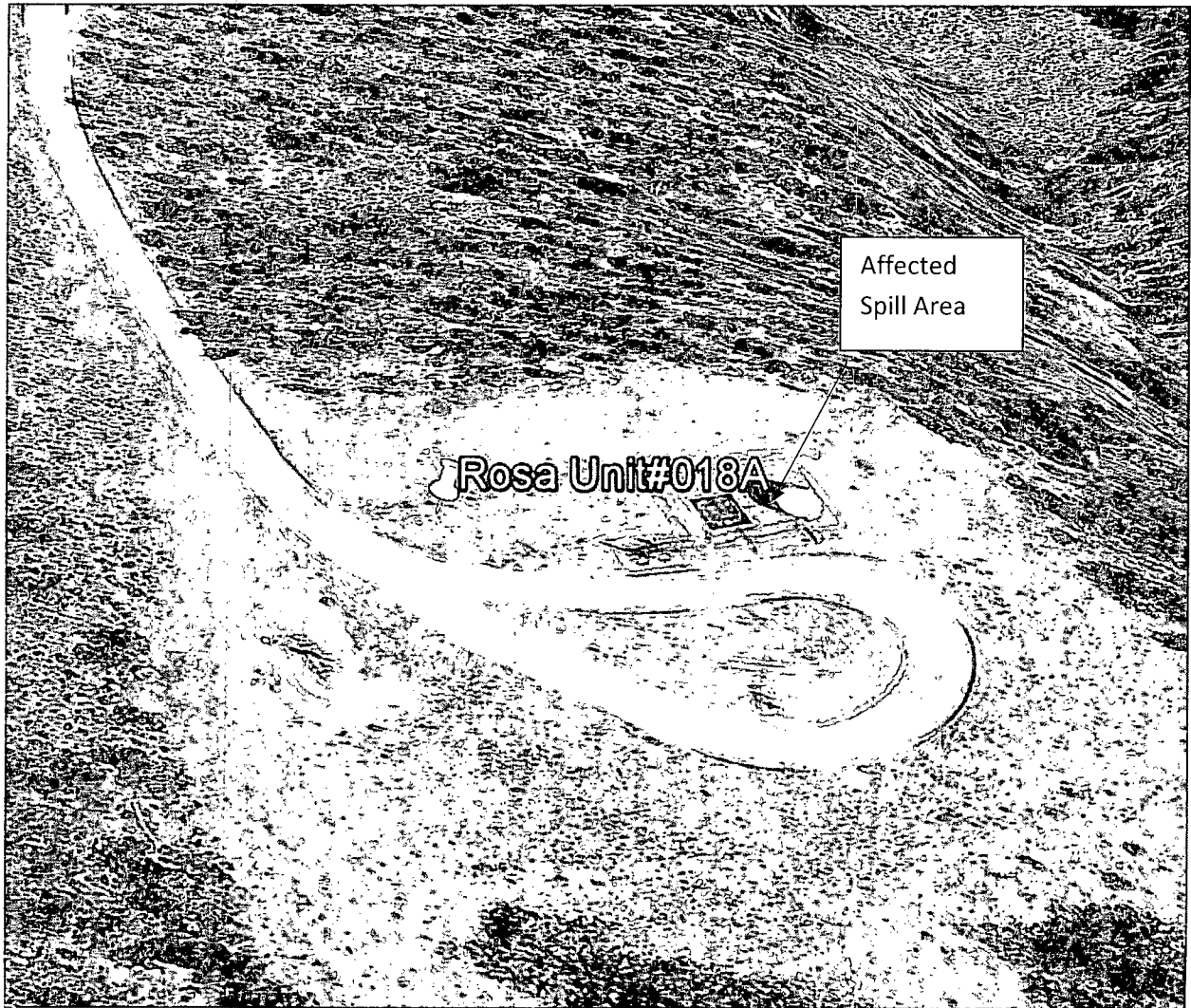
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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: <u>11/17/14</u>	Expiration Date:
E-mail Address: Vanessa.fields@wpxenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9/08/2014	Phone: 333-1880	

* Attach Additional Sheets If Necessary

#WCS 143215 1418

13



Fields, Vanessa

From: Fields, Vanessa
Sent: Saturday, August 30, 2014 12:04 PM
To: 'Powell, Brandon, EMNRD'; Smith, Cory, EMNRD; 'Ketcham, Shari'
Cc: Shaw, Buddy
Subject: Produced Water Spill Rosa Unit# 018A 30 BBL Produced Water
Importance: High

Rosa Unit# 018A API# 30-039-25436 P22 31N 06W

Good Morning

At 10:30 am August 30, 2014 it was discovered that the Rosa Unit#018A production tank over flowed in the berm's containment area due to alarm failure. 30 BBLs of produced water was released and 10 were recovered. Soil samples were obtained from the spill following applying 150 pounds of gypsum. A C-141 will follow next week with soil sample results. BTEX, TPH and Chloride analysis will be obtained.

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: 16899

Samples Received: 9/2/2014 4:26:00PM

Job Number: 04108-0136

Work Order: P409004

Project Name/Location: Rosa #018A Spill

Entire Report Reviewed By:

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

Date: 9/4/14

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 #018A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:10

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
36.52.51.02-107.26.37.55	P409004-01A	Soil	08/30/14	09/02/14	Glass Jar, 4 oz.
36.52.51.41-107.26.37.71	P409004-02A	Soil	08/30/14	09/02/14	Glass Jar, 4 oz.

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

Project Name: Rosa #018A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:10

36.52.51.02-107.26.37.55

P409004-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
p,m-Xylene	ND	0.10	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8021B	
Surrogate: Bromochlorobenzene		101 %		50-150	1436009	09/02/14	09/03/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		101 %		50-150	1436009	09/02/14	09/03/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1436009	09/02/14	09/03/14	EPA 8015D	
Diesel Range Organics (C10-C28)	73.9	30.0	mg/kg	1	1436008	09/02/14	09/03/14	EPA 8015D	
Surrogate: Benzo[a]pyrene		91.6 %		50-200	1436008	09/02/14	09/03/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	564	9.87	mg/kg	1	1436015	09/03/14	09/03/14	EPA 300.0	

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

 Project Name: Rosa #018A Spill
 Project Number: 04108-0136
 Project Manager: Vanessa Fields

Reported:
 04-Sep-14 12:10

36.52.51.41-107.26.37.71
P409004-02 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.05	mg/kg	1		1436009	09/03/14	09/03/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1		1436009	09/03/14	09/03/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1		1436009	09/03/14	09/03/14	EPA 8021B	
p,m-Xylene	ND	0.10	mg/kg	1		1436009	09/03/14	09/03/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1		1436009	09/03/14	09/03/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1		1436009	09/03/14	09/03/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1		1436009	09/03/14	09/03/14	EPA 8021B	
Surrogate: Bromochlorobenzene		98.0 %		50-150		1436009	09/03/14	09/03/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		98.2 %		50-150		1436009	09/03/14	09/03/14	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1		1436009	09/03/14	09/03/14	EPA 8015D	
Diesel Range Organics (C10-C28)	56.7	34.9	mg/kg	1		1436008	09/03/14	09/03/14	EPA 8015D	
Surrogate: Benzo[a]pyrene		88.2 %		50-200		1436008	09/03/14	09/03/14	EPA 8015D	
Cation/Anion Analysis										
Chloride	234	9.95	mg/kg	1		1436015	09/03/14	09/03/14	EPA 300.0	

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

Project Name: Rosa #018A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:10

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 1436009 - Purge and Trap EPA 5030A

Blank (1436009-BLK1)

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.10	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
Surrogate: 1,3-Dichlorobenzene	0.0506		"	0.0497		102	50-150			
Surrogate: Bromochlorobenzene	0.0510		"	0.0497		103	50-150			

Duplicate (1436009-DUP1)

Source: P408125-01

Prepared: 02-Sep-14 Analyzed: 03-Sep-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	0.10	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: 1,3-Dichlorobenzene	0.0496		"	0.0500		99.4	50-150			
Surrogate: Bromochlorobenzene	0.0507		"	0.0500		101	50-150			

Matrix Spike (1436009-MS1)

Source: P408125-01

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Benzene	47.8		ug/L	50.0	ND	95.6	39-150			
Toluene	47.9		"	50.0	ND	95.8	46-148			
Ethylbenzene	48.2		"	50.0	ND	96.4	32-160			
p,m-Xylene	95.7		"	100	ND	95.7	46-148			
o-Xylene	47.8		"	50.0	ND	95.6	46-148			
Surrogate: 1,3-Dichlorobenzene	2.43		mg/kg	2.50		97.4	50-150			
Surrogate: Bromochlorobenzene	2.50		"	2.50		100	50-150			

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WPX Energy, Inc.
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Tulsa OK, 74121-1358

Project Name: Rosa #018A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:10

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 1436008 - DRO Extraction EPA 3550M

Blank (1436008-BLK1)

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Diesel Range Organics (C10-C28)	ND	24.9	mg/kg							
Surrogate: Benzo[a]pyrene	19.6		"	19.9		98.4	50-200			

LCS (1436008-BS1)

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Diesel Range Organics (C10-C28)	518	25.0	mg/kg	500		104	38-132			
Surrogate: Benzo[a]pyrene	20.8		"	20.0		104	50-200			

Matrix Spike (1436008-MS1)

Source: P408125-01

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Diesel Range Organics (C10-C28)	537	25.0	mg/kg	500	42.7	99.0	38-132			
Surrogate: Benzo[a]pyrene	19.5		"	20.0		97.5	50-200			

Matrix Spike Dup (1436008-MSD1)

Source: P408125-01

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Diesel Range Organics (C10-C28)	654	24.9	mg/kg	499	42.7	123	38-132	19.6	20	
Surrogate: Benzo[a]pyrene	21.4		"	20.0		107	50-200			

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WPX Energy, Inc.
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Tulsa OK, 74121-1358

Project Name: Rosa #018A Spill
Project Number: 04108-0136.
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:10

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 1436009 - Purge and Trap EPA 5030A

Blank (1436009-BLK1)

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Gasoline Range Organics (C6-C10) ND 4.97 mg/kg

Duplicate (1436009-DUP1)

Source: P408125-01

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

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

Matrix Spike (1436009-MS1)

Source: P408125-01

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

Gasoline Range Organics (C6-C10) 0.42 mg/L 0.450 ND 93.1 75-125

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Project Name: Rosa #018A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:10

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 1436015 - Anion Extraction EPA 300.0										
Blank (1436015-BLK1)				Prepared & Analyzed: 03-Sep-14						
Chloride	ND	9.88	mg/kg							
LCS (1436015-BS1)				Prepared & Analyzed: 03-Sep-14						
Chloride	498	9.85	mg/kg	492		101	90-110			
Matrix Spike (1436015-MS1)				Source: P409003-01		Prepared & Analyzed: 03-Sep-14				
Chloride	612	9.86	mg/kg	493	102	103	80-120			
Matrix Spike Dup (1436015-MSD1)				Source: P409003-01		Prepared & Analyzed: 03-Sep-14				
Chloride	618	9.86	mg/kg	493	102	105	80-120	1.01	20	

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

Project Name: Rosa #018A Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:10

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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CHAIN OF CUSTODY RECORD

16899

Push

Client: <i>WPK Energy</i>		Project Name / Location: <i>Spill #018A Spill</i>		ANALYSIS / PARAMETERS													
Email results to: <i>Vanessa.Fields@wpeenergy.com</i>		Sampler Name: <i>Tom Montoya</i>		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
Client Phone No.: <i>419-6219</i>		Client No.: <i>04108-0136</i>															

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (M)	BTEX (VOC (M)	RCRA	Cation	RCI	TCLP v	CO Tat	TPH (4	CHLOP			Sample	Sample
					HNO ₃	HCl															
36.5251.02 -107.2637.55	8/30	9:45am	P409004-01	1 4oz				X	X								X			Y	Y
36.5251.41 -107.2637.71	8/30	9:45	-02	1 4oz				X	X								X			Y	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>[Signature]</i>			<i>[Signature]</i>	<i>8/2/14</i>	<i>1626</i>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)		
<i>[Signature]</i>	<i>9/2</i>	<i>4:26</i>			
Sample Matrix					
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>					

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



1.5, 1.8

(1.7)