

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

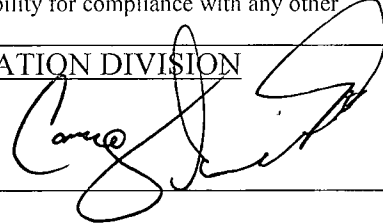
Name of Company	WPX Energy	Contact	Buddy Shaw
Address	P.O. Box 640 Aztec, NM 87410	Telephone No.	333-1878
Facility Name	Rosa 144	Facility Type	Producing Gas Well
Surface Owner	Federal	Mineral Owner	Federal
		API No.	30-039-25421

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	26	31N	6W					Rio Arriba

Latitude 36.87511N Longitude 107.412690W

**NATURE OF RELEASE**

Type of Release	Produced Water	Volume of Release-6 bbls	Volume Recovered- 5 bbls
Source of Release-	Pit Overflowed	Date and Hour of Occurrence-	Date and Hour of Discovery
		3/20/2014 AM	Same
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
		Buddy Shaw email to Brandon/Shari	
By Whom?		Date and Hour	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* NA			
Describe Cause of Problem and Remedial Action Taken.* Tank overflowed -released 6 bbl into berm area. 5 bbls recovered.			
Describe Area Affected and Cleanup Action Taken.* NA			
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: <u>Buddy Shaw</u>		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Buddy Shaw		Approved by Environmental Specialist: 	
Title: Environmental Supervisor		Approval Date: <u>9/26/14</u>	Expiration Date:
E-mail Address: buddy.shaw@wpxenergy		Conditions of Approval:	
Date: 3/21/2014 Phone: 333-1878		Attached <input type="checkbox"/>	

OIL CONS. DIV DIST. 3  
MAY 30 2014

\* Attach Additional Sheets If Necessary

#NCS 1412 6952044

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## Analytical Report

### Report Summary

Client: WPX Energy, Inc.

Chain Of Custody Number: 16898

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

Job Number: 04108-0136

Work Order: P409003

Project Name/Location: Rosa Unit #144 Spill

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read "Tim Cain", is 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 Unit #144 Spill  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
04-Sep-14 12:07

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Lat 36.52.30.34 Long - 107.25.36.76	P409003-01A	Soil	08/29/14	09/02/14	Glass Jar, 4 oz.

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Project Manager: Vanessa Fields

Reported:  
04-Sep-14 12:07

Lat 36.52.30.34 Long - 107.25.36.76

P409003-01 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes	
		Limit	Units							
<b>Volatil Organics by EPA 8021</b>										
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		105 %			1436009	09/02/14	09/03/14	EPA 8021B		
Surrogate: 1,3-Dichlorobenzene		102 %			1436009	09/02/14	09/03/14	EPA 8021B		
<b>Nonhalogenated Organics by 8015</b>										
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)	118	25.0	mg/kg	1	1436008	09/02/14	09/03/14	EPA 8015D		
Surrogate: Benzo[a]pyrene		115 %			1436008	09/02/14	09/03/14	EPA 8015D		
<b>Cation/Anion Analysis</b>										
Chloride	102	9.89	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 Unit #144 Spill Project Number: 04108-0136 Project Manager: Vanessa Fields	Reported: 04-Sep-14 12:07
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**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-DUPI)**

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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**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**

<b>Blank (1436008-BLK1)</b>				Prepared: 02-Sep-14		Analyzed: 03-Sep-14				
Diesel Range Organics (C10-C28)	ND	24.9	mg/kg							
<i>Surrogate: Benzo[a]pyrene</i>	19.6		"	19.9		98.4	50-200			
<b>LCS (1436008-BS1)</b>				Prepared: 02-Sep-14		Analyzed: 03-Sep-14				
Diesel Range Organics (C10-C28)	518	25.0	mg/kg	500		104	38-132			
<i>Surrogate: Benzo[a]pyrene</i>	20.8		"	20.0		104	50-200			
<b>Matrix Spike (1436008-MS1)</b>				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			
<i>Surrogate: Benzo[a]pyrene</i>	19.5		"	20.0		97.5	50-200			
<b>Matrix Spike Dup (1436008-MSD1)</b>				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	
<i>Surrogate: Benzo[a]pyrene</i>	21.4		"	20.0		107	50-200			

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**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**

<b>Blank (1436009-BLK1)</b>		Prepared: 02-Sep-14 Analyzed: 03-Sep-14								
Gasoline Range Organics (C6-C10)	ND	4.97	mg/kg							
<b>Duplicate (1436009-DUP1)</b>		Source: P408125-01 Prepared: 02-Sep-14 Analyzed: 03-Sep-14								
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg		ND				30	
<b>Matrix Spike (1436009-MS1)</b>		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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**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 1436015 - Anion Extraction EPA 300.0**

<b>Blank (1436015-BLK1)</b>				Prepared & Analyzed: 03-Sep-14						
Chloride	ND	9.88	mg/kg							
<b>LCS (1436015-BS1)</b>				Prepared & Analyzed: 03-Sep-14						
Chloride	498	9.85	mg/kg	492	101	90-110				
<b>Matrix Spike (1436015-MS1)</b>				Source: P409003-01		Prepared & Analyzed: 03-Sep-14				
Chloride	612	9.86	mg/kg	493	102	103	80-120			
<b>Matrix Spike Dup (1436015-MSD1)</b>				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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Reported:  
04-Sep-14 12:07

#### 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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