

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	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

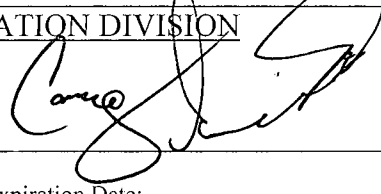
Type of Release	Produced Water	Volume of Release-6 bbls	Volume Recovered- 5 bbls
Source of Release- Pit Overflowed		Date and Hour of Occurrence- 3/20/2014 AM	Date and Hour of Discovery Same
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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>		OIL CONSERVATION DIVISION	
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@wpenergy		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3/21/2014	Phone: 333-1878		

* Attach Additional Sheets If Necessary

#NCS 142 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', 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 Name: Rosa Unit #144 Spill
Project Number: 04108-0136
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 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		105 %		50-150	1436009	09/02/14	09/03/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		102 %		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)	118	25.0	mg/kg	1	1436008	09/02/14	09/03/14	EPA 8015D	
Surrogate: Benzo[a]pyrene		115 %		50-200	1436008	09/02/14	09/03/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	102	9.89	mg/kg	1	1436015	09/03/14	09/03/14	EPA 300.0	

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Tulsa OK, 74121-1358

Project Name: Rosa Unit #144 Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:07

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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PO Box 21218
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Project Name: Rosa Unit #144 Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:07

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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Project Name: Rosa Unit #144 Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:07

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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Tulsa OK, 74121-1358

Project Name: Rosa Unit #144 Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

Reported:
04-Sep-14 12:07

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

Blank (1436015-BLK1)

Prepared & Analyzed: 03-Sep-14

Chloride	ND	9.88	mg/kg
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LCS (1436015-BS1)

Prepared & Analyzed: 03-Sep-14

Chloride	498	9.85	mg/kg	492	101	90-110
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Matrix Spike (1436015-MS1)

Source: P409003-01

Prepared & Analyzed: 03-Sep-14

Chloride	612	9.86	mg/kg	493	102	103	80-120
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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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Tulsa OK, 74121-1358

Project Name: Rosa Unit #144 Spill
Project Number: 04108-0136
Project Manager: Vanessa Fields

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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Rush

CHAIN OF CUSTODY RECORD

16898

Client: WPK Energy			Project Name / Location: Rose Unit #144 Spill			ANALYSIS / PARAMETERS															
Email results to: Vanessa.Fields@wpkenergy.com Buddy.shaw@wpkenergy.com			Sampler Name: Kenny Schuetz			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.: 505-419-6219			Client No.: 04108-0136																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative																
					HNO ₃	HCl															
Lat 36°52'30.34" N Long 107°25'36.26" W	8/29	12:00	P409803-01	1 40Z				X	X						X					Y	Y
Relinquished by: (Signature) _____					Date	Time	Received by: (Signature) _____										Date	Time			
Relinquished by: (Signature) _____					9/2	4:24	Received by: (Signature) _____										9/2/14	16:24			
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.																					
																					
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