

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 630	Facility Type	Producing Gas Well

Surface Owner	Federal	Mineral Owner	Federal	API No.	30-039-29508
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#### LOCATION OF RELEASE

		Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	7	31N	4W					Rio Arriba

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

#### NATURE OF RELEASE

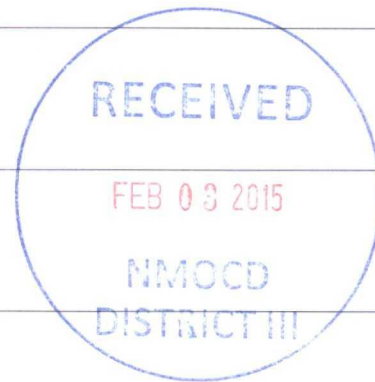
Type of Release	Produced Water	Volume of Release-70 bbls	Volume Recovered- 30 bbls
Source of Release- Tank Heater		Date and Hour of Occurrence- 8/28/2014 3PM	Date and Hour of Discovery Same
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Buddy Shaw to NMOCD	
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 Heater Tube failure released 70 bbl into berm.30 bbls recovered. Soil samples taken to Lab

Describe Area Affected and Cleanup Action Taken.\*  
NA

Chloride Results-29.8ppm  
BTEX ND  
TPH ND



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>4/13/15</u>	Expiration Date:
E-mail Address: buddy.shaw@wpxenergy	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/28/2015	Phone: 333-1878	

\* Attach Additional Sheets If Necessary

#NCS 15103 42550

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## Analytical Report

### Report Summary

Client: WPX Energy, Inc.

Chain Of Custody Number: 17433

Samples Received: 1/27/2015 2:54:00PM

Job Number: 04108-0136

Work Order: P501072

Project Name/Location: Rosa 630 Spill



Entire Report Reviewed By:

A handwritten signature in black ink, appearing to be 'Tim Cain'.

Date: 1/29/15

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 630 Spill  
Project Number: 04108-0136  
Project Manager: Buddy Shaw

Reported:  
29-Jan-15 13:14

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
36.91473.107.29566	P501072-01A	Soil	01/26/15	01/27/15	Glass Jar, 4 oz.

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

 Project Name: Rosa 630 Spill  
 Project Number: 04108-0136  
 Project Manager: Buddy Shaw

**Reported:**  
 29-Jan-15 13:14

**36.91473.107.29566**
**P501072-01 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1505016	01/28/15	01/28/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1505016	01/28/15	01/28/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1505016	01/28/15	01/28/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1		1505016	01/28/15	01/28/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1505016	01/28/15	01/28/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1		1505016	01/28/15	01/28/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1		1505016	01/28/15	01/28/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		115 %		50-150		1505016	01/28/15	01/28/15	EPA 8021B	
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	ND	34.9	mg/kg	1		1505018	01/28/15	01/28/15	EPA 418.1	
Cation/Anion Analysis										
Chloride	29.8	9.92	mg/kg	1		1505017	01/28/15	01/28/15	EPA 300.0	

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WPX Energy, Inc.	Project Name:	Rosa 630 Spill	Reported: 29-Jan-15 13:14
PO Box 21218	Project Number:	04108-0136	
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	

### 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 1505016 - Purge and Trap EPA 5030A

##### Blank (1505016-BLK1)

Prepared: 27-Jan-15 Analyzed: 28-Jan-15

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							

Surrogate: 4-Bromochlorobenzene-PID 0.413 " 0.400 103 50-150

##### LCS (1505016-BS1)

Prepared: 27-Jan-15 Analyzed: 28-Jan-15

Benzene	17.3	0.10	mg/kg	20.0		86.5	75-125			
Toluene	18.2	0.10	"	20.0		91.3	70-125			
Ethylbenzene	18.6	0.10	"	20.0		92.9	75-125			
p,m-Xylene	37.4	0.20	"	40.0		93.7	80-125			
o-Xylene	18.3	0.10	"	20.0		91.4	75-125			

Surrogate: 4-Bromochlorobenzene-PID 0.435 " 0.400 109 50-150

##### Matrix Spike (1505016-MS1)

Source: P501067-01

Prepared: 27-Jan-15 Analyzed: 28-Jan-15

Benzene	16.8	0.10	mg/kg	20.0	ND	84.0	75-125			
Toluene	19.2	0.10	"	20.0	1.79	86.9	70-125			
Ethylbenzene	21.4	0.10	"	20.0	2.63	94.1	75-125			
p,m-Xylene	45.0	0.20	"	40.0	11.4	84.0	80-125			
o-Xylene	19.8	0.10	"	20.0	6.17	68.0	75-125			SPK 1

Surrogate: 4-Bromochlorobenzene-PID 0.486 " 0.400 121 50-150

##### Matrix Spike Dup (1505016-MSD1)

Source: P501067-01

Prepared: 27-Jan-15 Analyzed: 28-Jan-15

Benzene	17.5	0.10	mg/kg	20.0	ND	88.0	75-125	4.37	15	
Toluene	20.0	0.10	"	20.0	1.79	91.5	70-125	4.51	15	
Ethylbenzene	22.5	0.10	"	20.0	2.63	99.4	75-125	4.67	15	
p,m-Xylene	46.9	0.20	"	39.9	11.4	88.8	80-125	4.05	15	
o-Xylene	21.0	0.10	"	20.0	6.17	74.6	75-125	6.25	15	SPK 1

Surrogate: 4-Bromochlorobenzene-PID 0.484 " 0.399 121 50-150

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WPX Energy, Inc.	Project Name:	Rosa 630 Spill	Reported: 29-Jan-15 13:14
PO Box 21218	Project Number:	04108-0136	
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	

### 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 1505018 - 418 Freon Extraction

##### Blank (1505018-BLK1)

Prepared & Analyzed: 28-Jan-15

Total Petroleum Hydrocarbons ND 34.9 mg/kg

##### Duplicate (1505018-DUP1)

Source: P501060-02

Prepared & Analyzed: 28-Jan-15

Total Petroleum Hydrocarbons 25800 350 mg/kg 25400 1.82 30

##### Matrix Spike (1505018-MS1)

Source: P501060-02

Prepared & Analyzed: 28-Jan-15

Total Petroleum Hydrocarbons 31300 350 mg/kg 2020 25400 296 80-120 SPK1

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

Project Name: Rosa 630 Spill  
Project Number: 04108-0136  
Project Manager: Buddy Shaw

Reported:  
29-Jan-15 13:14

**Cation/Anion Analysis - Quality Control**  
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1505017 - Anion Extraction EPA 300.0</b>										
<b>Blank (1505017-BLK1)</b>				Prepared & Analyzed: 28-Jan-15						
Chloride	ND	9.99	mg/kg							
<b>LCS (1505017-BS1)</b>				Prepared & Analyzed: 28-Jan-15						
Chloride	463	9.95	mg/kg	498		93.0	90-110			
<b>Matrix Spike (1505017-MS1)</b>				Source: P501072-01 Prepared & Analyzed: 28-Jan-15						
Chloride	497	9.90	mg/kg	495	29.8	94.5	80-120			
<b>Matrix Spike Dup (1505017-MSD1)</b>				Source: P501072-01 Prepared & Analyzed: 28-Jan-15						
Chloride	498	9.82	mg/kg	491	29.8	95.3	80-120	0.0771	20	

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envirotech-inc.com

laboratory@envirotech-inc.com

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Project Name: Rosa 630 Spill  
Project Number: 04108-0136  
Project Manager: Buddy Shaw

**Reported:**  
29-Jan-15 13:14

#### Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.

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

17433

Client: <b>WPX Energy</b>			Project Name / Location: <b>Rosa 630 Spill</b>			ANALYSIS / PARAMETERS														
Email results to: <b>Buddy.shaw@wpenergy.com</b>			Sampler Name: <b>Donnell Bays</b>			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.: <b>505-333-1580</b>			Client No.: <b>04108-0136</b>																	
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative															
					HNO <sub>3</sub>	HCl														
36.91473.107.29566	1/20/15	12:00	P501072-01	1402											X	X			X	Y
Relinquished by: (Signature) <b>B Shaw</b>					Date 1/21/15	Time 1454	Received by: (Signature) 					Date 1/21/15	Time 1454							
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.																				



5.4



ROSA  
630

