

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**

<b>OPERATOR</b>		<input type="checkbox"/> Initial Report	<input checked="" type="checkbox"/> Final Report
Name of Company WPX Energy Production	Contact Vanessa K Fields	RCVD HQG 22-14	
Address PO Box 640	Telephone No. 505-333-1880	OIL CONSV. DIV.	
Facility Name Rosa Unit #268	Facility Type Well Site	DIST. 3	
Surface Owner USFS	Mineral Owner USFS	API No. 30-039-24970	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	33	31N	05W					Rio Arriba

Latitude 36.86061 Longitude -107.36674

**NATURE OF RELEASE**

Type of Release Produced Water	Volume of Release 30 BBLS	Volume Recovered 28 BBLS
Source of Release Transfer pump on capstone broke resulting in produced water spill	Date and Hour of Occurrence 8-08-2014 4:00 pm	Date and Hour of Discovery 8-8-2014 4:00 pm
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 & JJ Miller NMSFS (See attached e-mail)	
By Whom? Vanessa Fields	Date and Hour 8-8-2014 at 4:50 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		

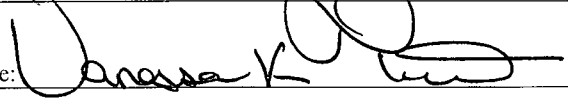
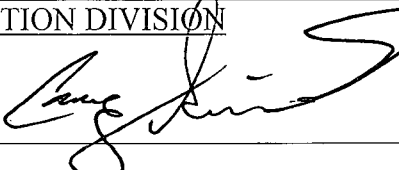
**Describe Cause of Problem and Remedial Action Taken.\***

The transfer pump on the capstone broke resulting in the produced water spill. Further investigation is ongoing to determine the cause of the brake.

**Describe Area Affected and Cleanup Action Taken.\***

Recovered 28 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 two fifty 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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Vanessa K Fields	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 11/12/14	Expiration Date:
E-mail Address: Vanessa.fields@wpxenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/22/2014 Phone: 333-1880		

\* Attach Additional Sheets If Necessary

#10051431650366

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## Fields, Vanessa

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**From:** Fields, Vanessa  
**Sent:** Friday, August 08, 2014 4:50 PM  
**To:** 'jmillar@fs.fed.us'; 'Powell, Brandon, EMNRD'; cory.smith@state.nm.us  
**Cc:** Shaw, Buddy  
**Subject:** WPX Energy Produced water spill at the Rosa Unit # 268

**Rosa Unit # 268 API # 30-039-24970 B33 31N 05W**

Good Afternoon,

At 4:00 pm today the Rosa Unit# 268 transfer pump for the capstones broke resulting in a 30 BBL spill of produced water. The spill ran under the C-ring and off of the location onto the road. Crews are cleaning the spill now, samples are being obtained. A C-141 will be submitted next week.

Thank you,

Vanessa Fields  
Environmental Specialist  
Office# 505-333-1880  
Fax# 505-333-1805  
Cell# 505-419-6219  
[vanessa.fields@wpxenergy.com](mailto:vanessa.fields@wpxenergy.com)

**WPXENERGY.**



## Analytical Report

### Report Summary

Client: WPX Energy, Inc.

Chain Of Custody Number: 16897

Samples Received: 8/20/2014 11:50:00AM

Job Number: 04108-0136

Work Order: P408086

Project Name/Location: Rosa 268 Spill

Entire Report Reviewed By:

**Draft**

Date: 8/21/14

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.



# envirotech

Analytical Laboratory

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

Project Name: Rosa 268 Spill  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
21-Aug-14 14:17

## Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Culvert Entrance	P408086-01A	Soil	08/18/14	08/20/14	Glass Jar, 4 oz.
Culvert Exit	P408086-02A	Soil	08/18/14	08/20/14	Glass Jar, 4 oz.

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

Project Name: Rosa 268 Spill  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
21-Aug-14 14:17

**DRAFT: Culvert Entrance**  
**P408086-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**DRAFT: Volatile Organics by EPA 8021**

Benzene	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Toluene	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Ethylbenzene	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
p,m-Xylene	ND	0.002	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
o-Xylene	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Total Xylenes	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Total BTEX	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Surrogate: Bromochlorobenzene		106 %		50-150	1434020	08/20/14	08/21/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		105 %		50-150	1434020	08/20/14	08/21/14	EPA 8021B	

**DRAFT: Cation/Anion Analysis**

Chloride	676	9.90	mg/kg	1	1434019	08/20/14	08/20/14	EPA 300.0	
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WPX Energy, Inc.  
PO Box 21218  
Tulsa OK, 74121-1358

Project Name: Rosa 268 Spill  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
21-Aug-14 14:17

**DRAFT: Culvert Exit**  
**P408086-02 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
DRAFT: Volatile Organics by EPA 8021									
Benzene	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Toluene	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Ethylbenzene	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
p,m-Xylene	ND	0.002	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
o-Xylene	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Total Xylenes	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Total BTEX	ND	0.001	mg/kg	0.02	1434020	08/20/14	08/21/14	EPA 8021B	
Surrogate: Bromochlorobenzene		106 %	50-150	1434020	08/20/14	08/21/14	EPA 8021B		
Surrogate: 1,3-Dichlorobenzene		102 %	50-150	1434020	08/20/14	08/21/14	EPA 8021B		

**DRAFT: Cation/Anion Analysis**

Chloride	768	9.90	mg/kg	1	1434019	08/20/14	08/20/14	EPA 300.0	
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WPX Energy, Inc.  
PO Box 21218  
Tulsa OK, 74121-1358

Project Name: Rosa 268 Spill  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
21-Aug-14 14:17

**DRAFT: 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 1434020 - Purge and Trap EPA 5030A**

**Blank (1434020-BLK1)**

Prepared: 20-Aug-14 Analyzed: 21-Aug-14

Benzene	ND	0.001	mg/kg							
Toluene	ND	0.001	"							
Ethylbenzene	ND	0.001	"							
p,m-Xylene	ND	0.002	"							
o-Xylene	ND	0.001	"							
Total Xylenes	ND	0.001	"							
Total BTEX	ND	0.001	"							
Surrogate: 1,3-Dichlorobenzene	0.0505		"	0.0498		101	50-150			
Surrogate: Bromochlorobenzene	0.0501		"	0.0498		101	50-150			

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

Project Name: Rosa 268 Spill  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
21-Aug-14 14:17

**DRAFT: 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 1434019 - Anion Extraction EPA 300.0</b>										
<b>Blank (1434019-BLK1)</b>				Prepared: 20-Aug-14 Analyzed: 21-Aug-14						
Chloride	ND	9.96	mg/kg							
<b>LCS (1434019-BS1)</b>				Prepared: 20-Aug-14 Analyzed: 21-Aug-14						
Chloride	ND	9.98	mg/kg	499			90-110			
<b>Matrix Spike (1434019-MS1)</b>				Source: P408077-01		Prepared: 20-Aug-14 Analyzed: 21-Aug-14				
Chloride	ND	9.84	mg/kg	492	ND		80-120			
<b>Matrix Spike Dup (1434019-MSD1)</b>				Source: P408077-01		Prepared: 20-Aug-14 Analyzed: 21-Aug-14				
Chloride	ND	9.99	mg/kg	500	ND		80-120		20	

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PO Box 21218  
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Project Name: Rosa 268 Spill  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
21-Aug-14 14:17

#### 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

16897

Client: <b>WPX Energy</b>		Project Name / Location: <b>Rosa 268 Sp. 11</b>		ANALYSIS / PARAMETERS													
Email results to: <b>Vanessa.Fields@wpenergy.com</b> <b>Bucklyshaw@wpenergy.com</b>		Sampler Name: <b>Bob Brackshaw</b>															
Client Phone No.: <b>505-333-1880</b>		Client No.: <b>04108-0136</b>															

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 <sub>3</sub>	HCl																
Culvert Entrance	8/18	12:00	P408086-01	1 4oz					X								X				Y	Y
Culvert Exit	8/18	12:00	P408086-02	1 4oz					X								X				Y	Y

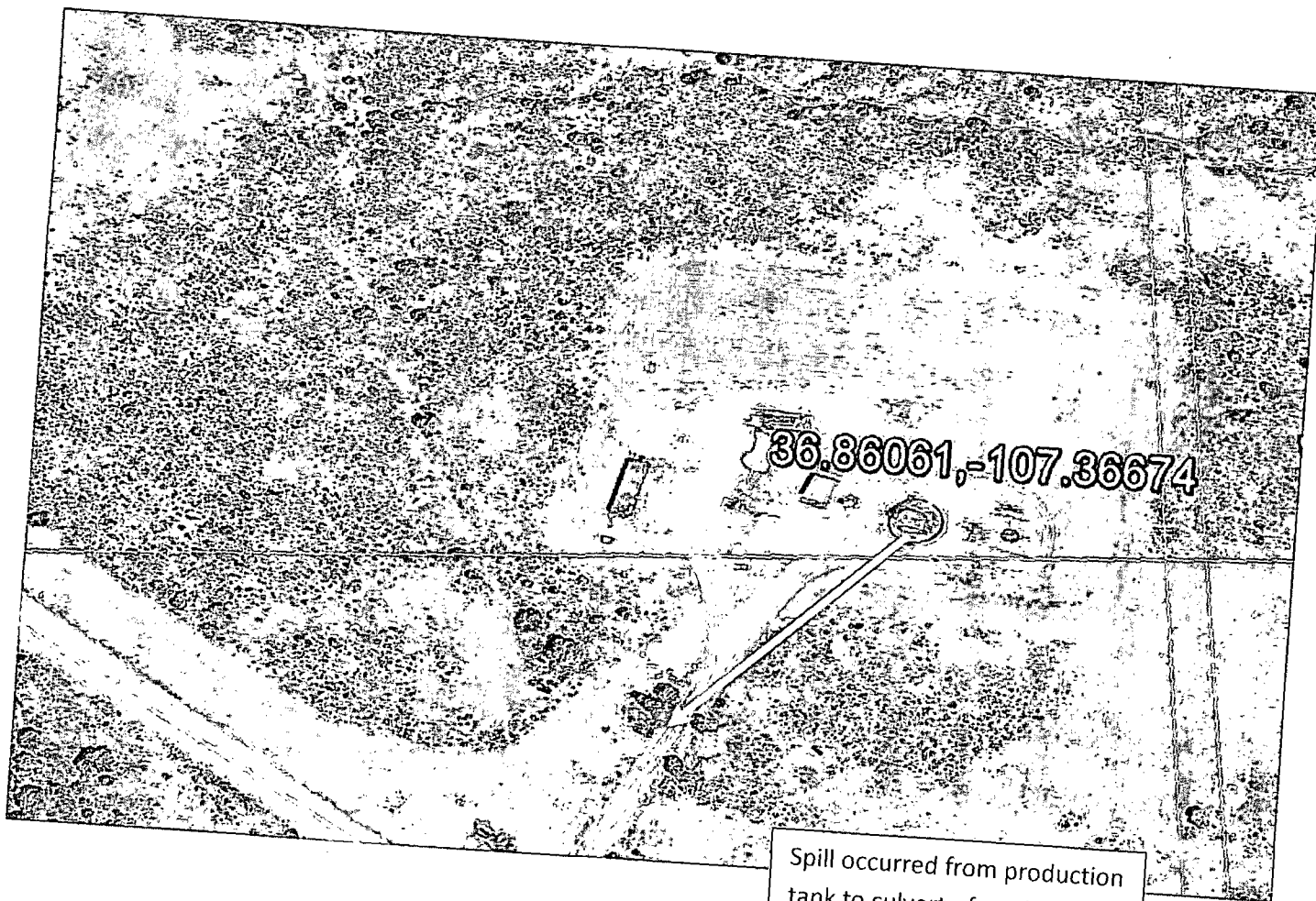
Relinquished by: (Signature) <b>B. Shaw</b>	Date <b>8-20-14</b>	Time <b>11:50A</b>	Received by: (Signature) 	Date <b>8/20/14</b>	Time <b>11:50</b>
Relinquished by: (Signature)			Received by: (Signature)		
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>					

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



**envirotech**  
Analytical Laboratory

5.9, 5.4



36.86061,-107.36674

Spill occurred from production  
tank to culvert of wash