

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 214	Facility Type	Producing Gas Well
Surface Owner	Federal	Mineral Owner	Federal
		API No.30-039-24427	

**LOCATION OF RELEASE**

Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	14	31N	6W				Rio Arriba

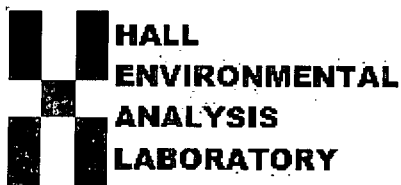
Latitude 36.89444 Longitude 107.434720

**NATURE OF RELEASE**

Type of Release	Produced Water	Volume of Release-10 bbls	Volume Recovered- 0 bbls
Source of Release- Wellhead		Date and Hour of Occurrence- 6/3/2014 PM	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.* Stuffing Box Leak released 10 bbl around wellhead area. 0 bbls recovered. Soil samples taken to Lab			
Describe Area Affected and Cleanup Action Taken.* NA Chloride Results-1000ppm All liquids soaked into soil.			
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@wpxenergy		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6/16/2014		Phone: 333-1878	

\* Attach Additional Sheets If Necessary

#NCS 142 6951612



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 12, 2014

Buddy Shaw  
WPX Energy  
721 S Main Ave  
Aztec, NM 87410  
TEL: (505) 333-1880  
FAX

RE: Rosa Unit #214

OrderNo.: 1406472

Dear Buddy Shaw:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/11/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**Lab Order **1406472**

Date Reported: 6/12/2014

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** WPX Energy**Client Sample ID:** Rosa UT# 214**Project:** Rosa Unit #214**Collection Date:** 6/6/2014 11:00:00 AM**Lab ID:** 1406472-001**Matrix:** SOIL**Received Date:** 6/11/2014 9:03:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SRM</b>
Chloride	1000	30		mg/Kg	20	6/11/2014 1:32:28 PM	13631

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1406472

12-Jun-14

Client: WPX Energy  
Project: Rosa Unit #214

Sample ID	MB-13631	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	13631	RunNo:	19205					
Prep Date:	6/11/2014	Analysis Date:	6/11/2014	SeqNo:	555325	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-13631	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	13631	RunNo:	19205					
Prep Date:	6/11/2014	Analysis Date:	6/11/2014	SeqNo:	555326	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

## Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
E Value above quantitation range  
J Analyte detected below quantitation limits  
O RSD is greater than RSDlimit  
R RPD outside accepted recovery limits  
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
P Sample pH greater than 2.  
RL Reporting Detection Limit



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87105  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: WPX ENERGY

Work Order Number: 1406472

RcptNo: 1

Received by/date:

Logged By: Lindsay Mangin

6/11/2014 9:03:00 AM

Completed By: Lindsay Mangin

6/11/2014 9:56:12 AM

Reviewed By:

### Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? FedEx

### Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH: \_\_\_\_\_  
( $<2$  or  $>12$  unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: \_\_\_\_\_

### Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

<h1>Chain-of-Custody Record</h1>		Turn-Around Time:	
Client: <u>WPX Energy</u>		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Mailing Address:		Project Name:	
<u>721 S. Main St Aztec NM</u>		<u>Rosa Unit #214</u>	
Phone #: <u>505-333-1880</u>		Project #:	
email or Fax#: <u>Vanessa.Fields@wpenergy.com</u>		Project Manager:	
QA/QC Package:		<u>Vanessa Fields &amp; Buddy Shaw</u>	
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		Sampler: <u>Tom Montoya</u>	
Accreditation		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> NELAP <input type="checkbox"/> Other _____		Sample Temperature: <u>7.0</u>	
<input type="checkbox"/> EDD (Type) _____			

☒ Standard ☐ Rush

Project Name:

Rosal Ind # 214

Project #:

Project Manager:

Vanessa Fields & Buechly Show

Sampler: 100m Montana

On Ice: ☒ Yes ☐ No

Sample Temperature 70

Container  
Type and #Preservative  
Type

# HEALING

1406472

600/	-001
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BTEX + MTBE + TMB's (8021)

BTEX + MTBE + TPH (Gas only)

TPH 8015B (GRO / DRO / MRO)

TPH (Method 418.1)

EDB (Method 504.1)

PAH's (8310 or 8270 SIMS)

RCRA 8 Metals

Anions (F, Cl, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>)

3081 Pesticides / 8082 PCB's

3260B (VOA)

3270 (Semi-VOA)

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7

Country

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Air Bubbles (Y or N)

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109


Tel. 505-345-3975      Fax 505-345-4107

## Analysis Request

Date:	Time:	Relinquished by:
6/17/14	1456	

Date:	Time:	Relinquished by:
2/10/14	1657	Christina J. J. J.

Received by:	Date	Time
Christa White	6/10/14	1456

Received by:  Date 06/11/14 Time 0923

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.