

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St, Artesia, NM 88210  
District III  
1000 Rlo 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

2RP-2404  
nMLB1421728940

Form C-141  
Revised August 8, 2011

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

### Release Notification and Corrective Action

#### OPERATOR

☐ Initial Report ☒ Final Report

Name of Company : LIME ROCK RESOURCES II-A, LP	Contact : Mike Barrett
Address : 1111 Bagby Street Suite 4600, Houston, TX 77002	Telephone No. : 575-623-8424
Facility Name : West Red Lake #13	Facility Type: injection line

Surface Owner : BLM	Mineral Owner: BLM	Lease No. : API #30-015-10174
---------------------	--------------------	-------------------------------

#### LOCATION OF RELEASE

2RP-2404

Unit Letter H	Section 7	Township 18S	Range 27E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
------------------	--------------	-----------------	--------------	---------------	------------------	---------------	----------------	-------------

Latitude 32.76303 N Longitude -104.31176 W

#### NATURE OF RELEASE

Type of Release : Produced Water	Volume of Release : 43 bbls PW	Volume Recovered: -0- bbls PW
Source of Release : Injection Line Leak	Date and Hour of Occurrence: 7/29/14 4:30 pm	Date and Hour of Discovery: 7/29/14 @ 4:30 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? BLM/Jim Amos-voicemail & OCD/Mike Bratcher	
By Whom? David Adkins with Talon/LPE	Date and Hour : 7/30/14 @ 9:00 am	
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.\*


Describe Cause of Problem and Remedial Action Taken.\* A steel injection line leaked due to corrosion causing a release of 43 barrels of produced water. All wells were shut in and the flow line was repaired. No fluids were recovered. A backhoe was used to berm the flow path and prevent further migration of fluids. Talon/LPE was contacted for initial site assessment and to generate a work plan. A backhoe was used to berm the flow path and prevent further migration of fluids in to the draw.

Describe Area Affected and Cleanup Action Taken.\*

A catch basin was constructed at the bottom of the draw and lined with 40-mil liner. The impacted draw was flushed with fresh water and the water was vacuumed out of the catch basin and disposed of. Subsequent water samples of rain water that accumulated in the catch basin were tested below NMOCD RRAL's for TPH, BTEX, and Chlorides.

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.

#### OIL CONSERVATION DIVISION

Signature: 	E.Spec.A	
Printed Name: Michael Barrett	Approved by Environmental Specialist: <i>Bradford Billings</i>	
Title: Production Supervisor	Approval Date: 05/27/2020	Expiration Date:
E-mail Address: mbarrett@limerockresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/18/2014 Phone: 575-623-8424		

\* Attach Additional Sheets If Necessary



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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

RECEIVED

JUL 30 2014

NMOCD ARTESIA

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

## Release Notification and Corrective Action

NMLB 1421728940

## OPERATOR

☒ Initial Report ☐ Final Report

Name of Company : LIME ROCK RESOURCES II-A, LP 27258 Contact : Mike Barrett  
Address : 1111 Bagby Street Suite 4600, Houston, TX 77002 Telephone No. : 575-623-8424  
Facility Name : West Red Lake #13 Facility Type: injection line

Surface Owner : BLM Mineral Owner: BLM Lease No. : API #30-015-10174

## LOCATION OF RELEASE

30-015-00804

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
H	7	18S	27E					

Latitude 32.76303 N Longitude -104.31176 W

## NATURE OF RELEASE

Type of Release : Produced Water	Volume of Release : 43 bbls PW	Volume Recovered: -0- bbls PW
Source of Release : Injection Line Leak	Date and Hour of Occurrence: 7/29/14 4:30 pm	Date and Hour of Discovery: 7/29/14 @ 4:30 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? BLM/Jim Amos-voicemail & OCD/Mike Bratcher	
By Whom? David Adkins with Talon/LPE	Date and Hour : 7/30/14 @ 9:00 am	
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.\*

Describe Cause of Problem and Remedial Action Taken.\* ☐ A steel injection line leaked due to corrosion causing a release of 43 barrels of produced water. All wells were shut in and the flow line was repaired. No fluids were recovered. Talon/LPE was contacted for initial site assessment and to generate a work plan.

Describe Area Affected and Cleanup Action Taken.\* ☐ The release flowed down the draw. A backhoe was used to berm the flow path to prevent further migration.

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:

Printed Name: Michael Barrett

Title: Production Supervisor

E-mail Address: mbarrett@limerockresources.com

Date: 7/30/2014

Phone: 575-623-8424

## OIL CONSERVATION DIVISION

Signed By   
Approved by District Supervisor:

Approval Date: 8/5/14

Expiration Date: NA

Conditions of Approval: Remediation  
Per O.C.D. Rule & Guideline:Attached ☐

\* Attach Additional Sheets If Necessary

SUBMIT REMEDIATION PROPOSAL NO  
LATER THAN: 9/5/14

2RP-2404





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

August 12, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: WEST RED LAKE #13

Enclosed are the results of analyses for samples received by the laboratory on 08/05/14 16:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received: 08/05/2014  
Reported: 08/12/2014  
Project Name: WEST RED LAKE #13  
Project Number: 701307.069.01  
Project Location: LIME ROCK

Sampling Date: 08/01/2014  
Sampling Type: Water  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: W-1 (H402404-01)**

BTEx 8021B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	08/07/2014	ND	0.023	115	0.0200	25.0	
Toluene*	<0.001	0.001	08/07/2014	ND	0.024	119	0.0200	2.34	
Ethylbenzene*	<0.001	0.001	08/07/2014	ND	0.024	119	0.0200	2.45	
Total Xylenes*	<0.003	0.003	08/07/2014	ND	0.075	125	0.0600	2.77	
Total BTEx	<0.006	0.006	08/07/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 89.5-126

Chloride, SM4500Cl-B		mg/L		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	510	4.00	08/07/2014	ND	104	104	100	3.92	

TPH 8015M		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<2.00	2.00	08/06/2014	ND	43.1	86.2	50.0	1.45	
DRO >C10-C28	<1.00	1.00	08/06/2014	ND	44.7	89.3	50.0	1.65	
EXT DRO >C28-C35	<1.00	1.00	08/06/2014	ND	ND		0.00		

Surrogate: 1-Chlorooctane 76.4 % 48.7-164

Surrogate: 1-Chlorooctadecane 89.6 % 54.8-165

**Cardinal Laboratories**

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

---

**Notes and Definitions**

- QR-02      The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- ND          Analyte NOT DETECTED at or above the reporting limit
- RPD        Relative Percent Difference
- \*\*          Samples not received at proper temperature of 6°C or below.
- \*\*\*        Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

---

Celey D. Keene, Lab Director/Quality Manager

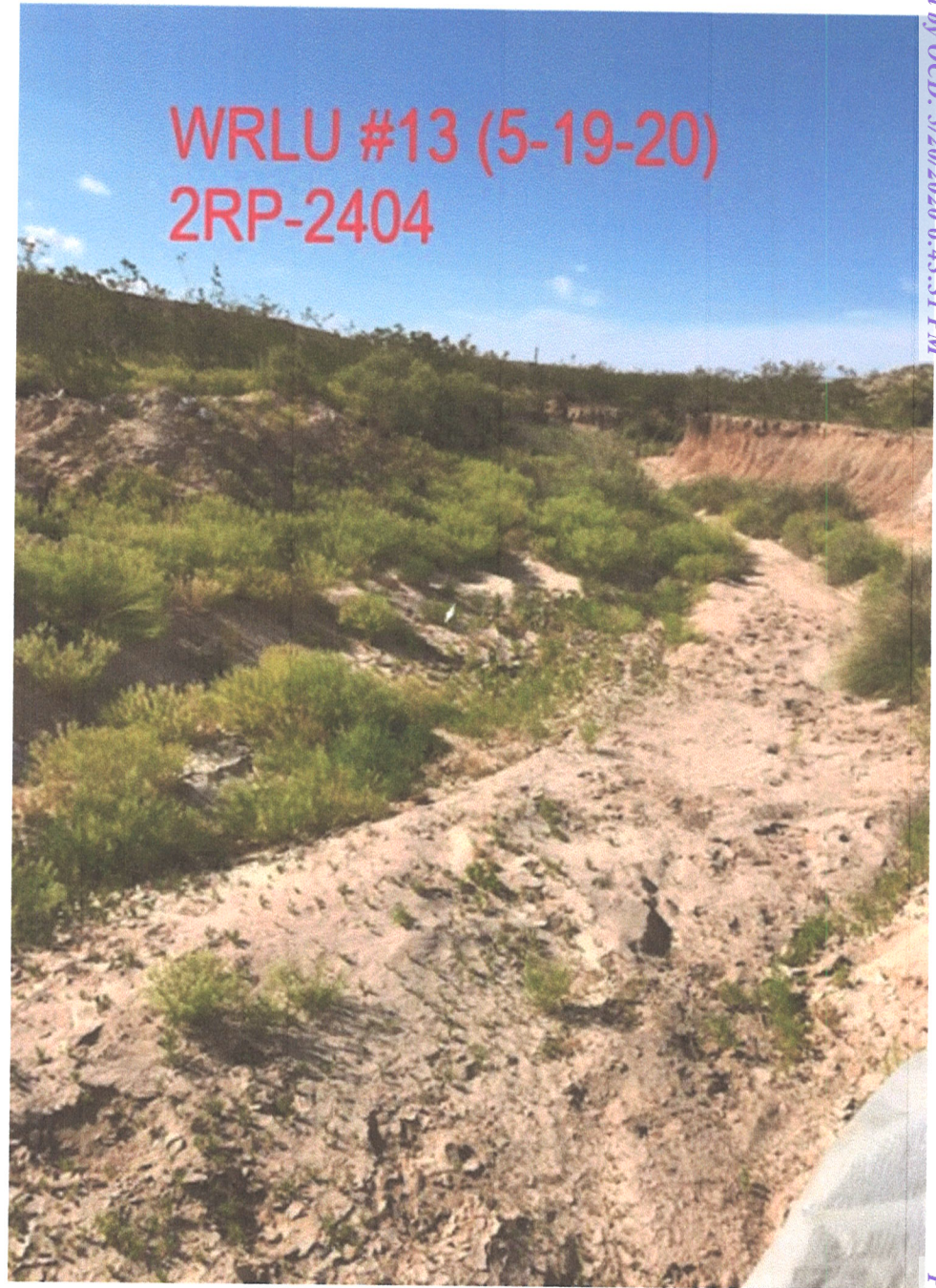
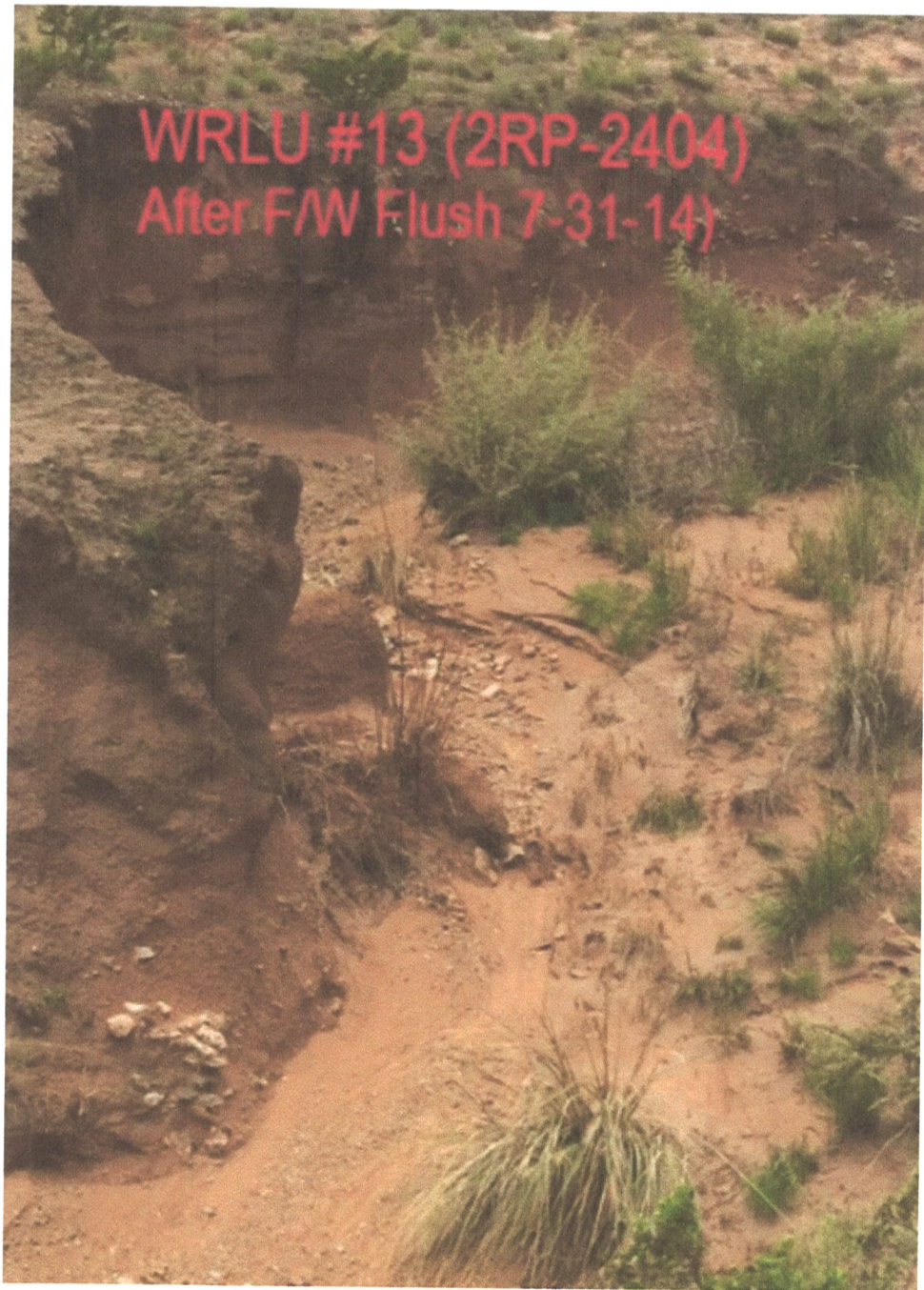




ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476







**From:** [David Adkins](#)  
**To:** [Bratcher, Mike, EMNRD](#); [Amos, James](#); [Hughes, Solomon](#); [Patterson, Heather, EMNRD](#)  
**Cc:** [Michael Barrett](#); [Jerry Smith](#)  
**Subject:** lab results, Lime Rock West Red Lake 13  
**Date:** Friday, August 15, 2014 4:58:03 PM  
**Attachments:** H402404 TALON.PDF

---

All,

Attached please find the lab report for the rain water samples obtained from the catch basin located at the bottom of this flow path in the ravine. As shown, the Total Petroleum and Volatile Organic concentrations were below laboratory method detection limits. Total Chloride results were 510 mg/liter.

Therefore, on behalf of Lime Rock Resources we respectfully request permission to remove this constructed catch basin and close out this incident. I will submit a Final C-141 to the OCD and BLM for this project next week. Please let me know if you have any questions. Thank you.

Respectfully,

**David J. Adkins**

District Manager

Talon/LPE

408 West Texas Avenue

Artesia, New Mexico 88210

(575) 746.8768 phone

(575) 746.8905 fax

(575) 441.4835 cell

Email: [dadkins@talonlpe.com](mailto:dadkins@talonlpe.com)

Web: [www.talonlpe.com](http://www.talonlpe.com)

