



January 30, 2012

2RP-1183
NJMW1217341655

Mr. Mike Bratcher
NMOCD District 2
 1301 West Grand Avenue
 Artesia, NM 88210

AMARILLO
 921 North Bivins
 Amarillo, Texas 79107
 Phone 806.467.0607
 Fax 806.467.0622

ARTESIA
 408 West Texas Ave.
 Artesia, New Mexico 88210
 Phone 575.746.8768
 Fax 575.746.8905

AUSTIN
 911 West Anderson Lane
 Suite 202
 Austin, Texas 78757
 Phone 512.989.3428
 Fax 512.989.3487

HOBBS
 318 East Taylor Street
 Hobbs, New Mexico 88240
 Phone 575.393.4261
 Fax 575.393.4658

MIDLAND
 2901 State Hwy 349
 Midland, Texas 79706
 Phone 432.522.2133
 Fax 432.522.2180

SAN ANTONIO
 11 Commercial Place
 Schertz, Texas 78154
 Phone 210.265.8025
 Fax 210.568.2191

TULSA
 525 South Main Street
 Suite 535
 Tulsa, Oklahoma 74103
 Phone 918.742.0871
 Fax 918.382.0232

ENVIRONMENTAL CONSULTING
 ENGINEERING
 DRILLING
 CONSTRUCTION
 SPILL MANAGEMENT
 GENERAL CONTRACTING

Subject: **Remediation and Closure Report**
 Lime Rock Resources II-A, L.P.
 West Red Lake No. 44
 30-015-28444 2RP-1183

Dear Mr. Bratcher,

Lime Rock Resources II-A, L.P. (Lime Rock) contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced West Red Lake No. 44. The completed remediation activities and closure request are submitted herein.

Incident Date

June 7, 2012

Background Information

The West Red Lake No. 44 is located approximately ten (10) miles southeast of Artesia, New Mexico. The legal location for the site is Section 5, Township 18 South and Range 27 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.77161 North and -104.30283 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of weathered Gypsum. The local surface and shallow geology, Paleozoic Age sedimentary deposits, is comprised of the Guadeloupien Artesia Group, Tansil and Yates formations which include silty soils underlain by gypsum and hard caliches. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S32-T17S-R27E. The ground water in the area is reported to be 140' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

On June 7, 2012 a 2-inch injection line split at the wellhead causing 49 barrels of produced water to be released. The well was shut in, the line was repaired and a berm was placed in the flow path. A vacuum truck was brought to the location and 12 barrels of produced water were recovered.

Remedial Actions Taken

On November 21, 2012 Talon personnel mobilized to the site to begin excavation of the impacted area in accordance with the approved work plan and stipulations. The impacted soil within the area of the release was excavated and placed onto the drilling pit as per BLM/Jennifer Van Curen's approval. A 20 mil liner was then placed onto the drilling pit. The edges of the liner was keyed a minimum of 3-feet deep into a trench excavated at the boundaries of the closed drilling pit area. A minimum of 2-foot of new soil was placed over the top of the 20 mil liner and the soil lift was contoured to match the surrounding terrain. A 1-foot berm was constructed up gradient of the drilling pit to divert run off waters for erosion control.

Summary and Conclusion

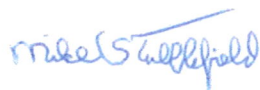
- The depth to groundwater in the project vicinity is 140-feet below land surface per the New Mexico State Engineer Database.
- The impacted soil within the cellar of the wellhead was excavated to a depth of 4-feet deep and a 20 mil liner was placed into the bottom of the cellar before backfilling.
- The chloride impacted area on location was excavated 2-feet below land surface. The excavated soil was placed onto the closed drilling pit.
- Soil samples were collected from the sidewalls and bottom of the excavation located on location. The soil samples were tested for chlorides using the field titration test method and the results were approved by Jennifer Van Curen with the BLM before starting to backfill.
- The location was reconstructed using new soil transported to the location.
- The location was downsized and the downsized portion was seeded using BLM seed mix No. 3 and 4.
- A berm was installed around the location using new material transported from a local borrow pit to prevent storm water runoff.

Closure

On behalf of Lime Rock Resources II-A, L.P., we respectfully request that no further actions be required and that closure with respect to this release be granted. If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

A handwritten signature in blue ink that reads "Mike Stubblefield".

Mike Stubblefield
Project Manager

A handwritten signature in blue ink that reads "David J. Adkins".

David J. Adkins
District Manager

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

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

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 #44	Facility Type: Injection Well

Surface Owner : BLM	Mineral Owner: BLM	Lease No. : API #30-015-28444 2RP-1183
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LOCATION OF RELEASE

Unit Letter N	Section 5	Township 18S	Range 27E	Feet from the 840'	North/South Line FSL	Feet from the 1750'	East/West Line FWL	County Eddy
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Latitude 32.77161 N Longitude -104.30283 W

NATURE OF RELEASE

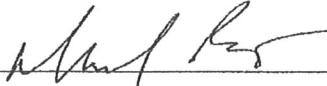
Type of Release : Produced Water	Volume of Release : 49 bbls PW	Volume Recovered: 12 bbl PW
Source of Release : 2" Injection Line Split @ wellhead	Date and Hour of Occurrence: 6/07/12 am	Date and Hour of Discovery: 6/7/12 8:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Voicemail to BLM & OCD	
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.*

Describe Cause of Problem and Remedial Action Taken.* A 2-inch injection line split at the wellhead causing 49 barrels of produced water to be released. The well was shut in, the line was repaired and a berm was placed in the flow path. A vacuum truck was brought to the location and 12 barrels of produced water were recovered.

Describe Area Affected and Cleanup Action Taken.* The impacted area was excavated by Talon/LPE to a depth of 2-feet deep and the soil was placed on the closed drilling pit. Soil samples were collected from the sidewalls and bottom of the excavation. The soil samples were tested for chlorides using the field titration test method and the results were approved by Jennifer Van Curen with the BLM before starting to backfill. The excavated area was backfilled to grade with new material transported from a local borrow pit. The drilling pit was also encapsulated with a 20-mil liner. The location was downsized and berms were then constructed around the location.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Michael Barrett	Approved by District Supervisor:	
Title: Production Supervisor	Approval Date:	Expiration Date:
E-mail Address: mbarrett@limerockresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/30/2013 Phone: 575-623-8424		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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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 Lime Rock Resources II-A, L.P. **217558** **Contact** Michael Barrett

Address 1111 Bagby St Suite 4600 Houston, TX 77002 **Telephone No.** 575-623-8424

Facility Name West Red Lake Unit #44 **Facility Type** WIW

Surface Owner BLM **Mineral Owner** BLM **API No.** 30-015-28444

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	5	18S	27E	840'	FSL	1750'	FWL	Eddy

Latitude 32.77161 **Longitude** 104.30283

NATURE OF RELEASE

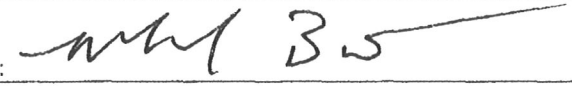

Type of Release Produced Water	Volume of Release 49 bbls	Volume Recovered 12 bbls
Source of Release 2" Injection Line Split @ Wellhead	Date and Hour of Occurrence 06/07/2012 am	Date and Hour of Discovery 06/07/2012 @ 8 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher / NMOCD and Jim Amos / BLM via voicemail	
By Whom? Michael Barrett	Date and Hour 6/8/12 @ 3 pm	
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.*
2" Injection Line Split @ Wellhead.
Shut off water flow, repaired line & bermed flow path.

Describe Area Affected and Cleanup Action Taken.*
Packed Caliche & Rock.
Talon LPE has been contracted to do site assessment and formulate a work plan.

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: 	OIL CONSERVATION DIVISION	
Printed Name. Michael Barrett	Signed By 	
Title: Production Supervisor	Approved by Environmental Specialist:	
E-mail Address: mbarrett@limerockresources.com	Approval Date: JUN 21 2012	Expiration Date:
Date: 06/08/2012 Phone: 575-623-8424	Conditions of Approval:	
Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:		Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

7/21/12

2RP-1183

RECEIVED

JUN 19 2012

NMOCD ARTESIA