

RECEIVED

FEB 21 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

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

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 : Federal T SWD #1	Facility Type: SWD

Surface Owner : COG	Mineral Owner: BLM	Lease No. : API #30-015-26404 2RP-2117
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LOCATION OF RELEASE

Unit Letter A	Section 12	Township 18S	Range 27E	Feet from the 660'	North/South Line FNL	Feet from the 990'	East/West Line FEL	County Eddy
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Latitude 32.767150 N Longitude -104.226800 W

NATURE OF RELEASE

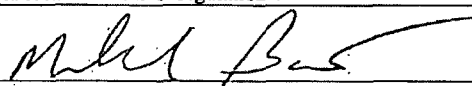
Type of Release : Produced Water	Volume of Release : 2247 bbls	Volume Recovered: 1987 bbls
Source of Release : Tank Battery	Date and Hour of Occurrence: 10/31/13	Date and Hour of Discovery: 10/31/13 1:30 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos/BLM & Randy Dade/OCD	
By Whom? Mike Barrett w/LRR	Date and Hour : 10/31/13	
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

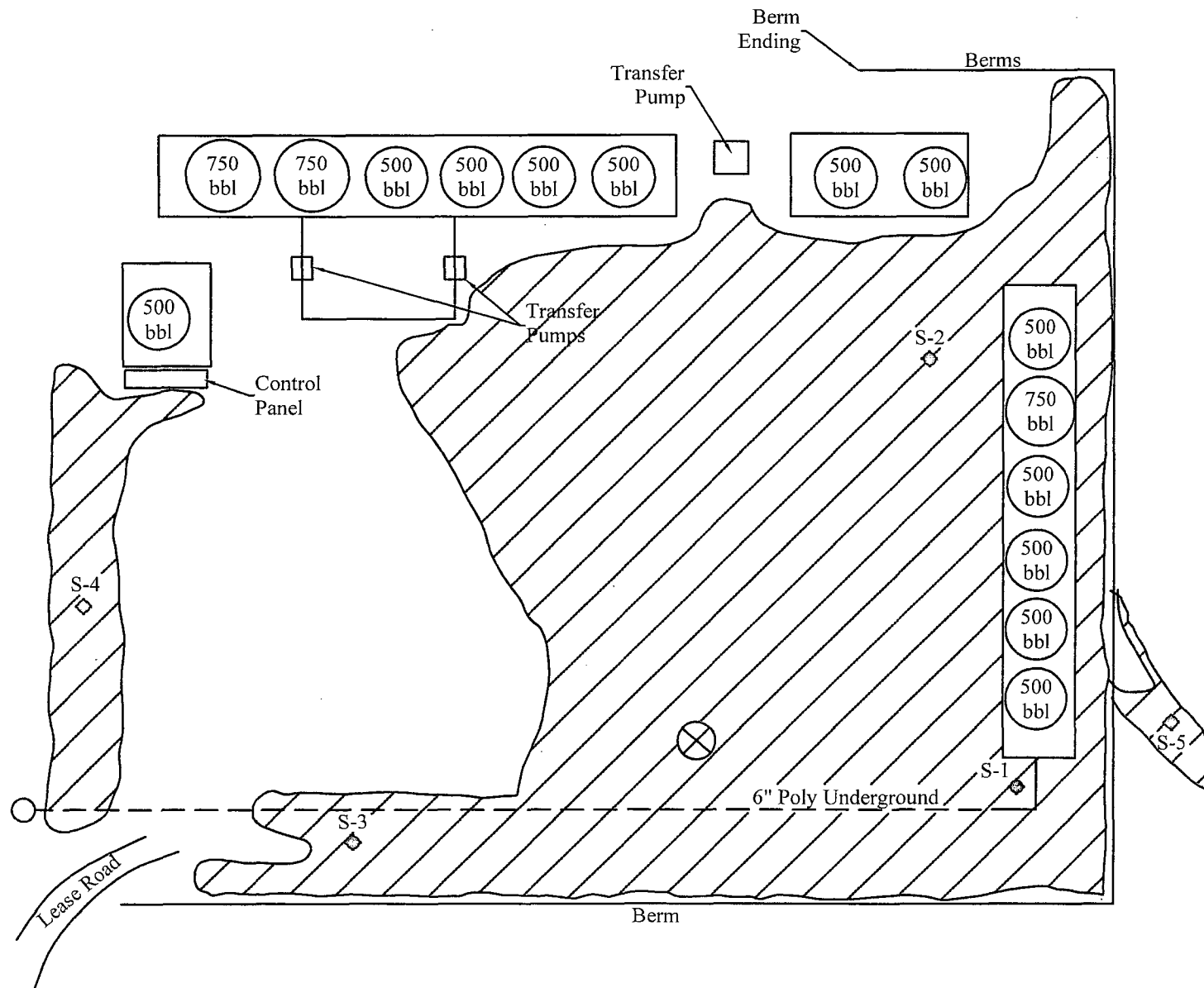
Describe Cause of Problem and Remedial Action Taken.* The produced water tanks overflowed, filled the steel containment then ran over onto the location. The caliche berms around the location contained most of the fluid to the location. A small amount of the fluid penetrated the berms and flowed from the East side of the location and into the pasture for approximately 100-feet. Talon personnel mobilized a backhoe to perform a site assessment and soil sampling.

Describe Area Affected and Cleanup Action Taken.* Talon/LPE was contracted for the correction of this release. The impacted area in the vicinity of S-1 was excavated to a depth of 5-feet bgs and a confirmation sample was taken from the bottom of the excavation to insure that all of the chloride impacted soil had been removed. The impacted area in the vicinity of sample locations S-2 and S-3 were excavated to a depth of 2-feet bgs. The impacted area in the vicinity of sample location S-4 was excavated to a depth of 1-foot bgs. The impacted area in the vicinity of S-5 was excavated to a depth of 5-feet bgs and a confirmation sample was taken from the bottom of the excavation to insure that all of the chloride impacted soil has been removed. All of the excavated material was disposed of at an NMOCD approved solid waste disposal facility, Lea Land LLC. The excavated area on the location was backfilled with caliche. The excavated areas in the pasture were backfilled with top soil, contoured to match the surrounding terrain and seeded with BLM seed mixture #1. Work completed pursuant to NMOCD approved 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	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: 2/19/2014 Phone: 575-623-8424		

* Attach Additional Sheets If Necessary



Legend	
◆	- Sample Location



Date: 11/15/2013

Scale: NTS

Drawn By: TJS

Fed T SWD Transfer Station

Lime Rock Resources

Eddy County, New Mexico

Figure 1 - Site Plan



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

January 17, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: FEDERAL T SWD

Enclosed are the results of analyses for samples received by the laboratory on 01/16/14 14:15.

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.

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

Analytical Results For:

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

 Received: 01/16/2014
 Reported: 01/17/2014
 Project Name: FEDERAL T SWD
 Project Number: 701307.056.01
 Project Location: NONE GIVEN

 Sampling Date: 01/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 6' (H400151-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/17/2014	ND	416	104	400	3.92	

Sample ID: S-5 5.5' N WALL (H400151-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/17/2014	ND	416	104	400	3.92	

Sample ID: S-5 5.5' E WALL (H400151-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/17/2014	ND	416	104	400	3.92	

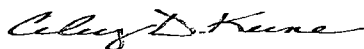
Sample ID: S-5 5.5' S WALL (H400151-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/17/2014	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/16/2014
Reported: 01/17/2014
Project Name: FEDERAL T SWD
Project Number: 701307.056.01
Project Location: NONE GIVEN

Sampling Date: 01/16/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

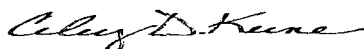
Sample ID: S-5 5.5' BOTTOM (H400151-05)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/17/2014	ND	416	104	400	3.92	

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

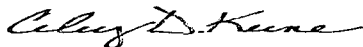
Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i> Date: <i>11/6/14</i> Time: <i>2:15</i>		Received By: <i>Jodi Benson</i> Date: _____ Time: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS: <i>Rush</i>	
Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: <i>[Signature]</i> (Initials)	

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