

Bratcher, Mike, EMNRD

From: Sheldon Hitchcock <slhitchcock@talonlpe.com>
Sent: Thursday, October 17, 2013 9:26 AM
To: Bratcher, Mike, EMNRD
Cc: Kimberly M. Wilson
Subject: Lime Rock - ASAU Injection Line Lab Data
Attachments: H302275 TALON.PDF

Mike,

The results of the confirmation sampling are attached. Thank you.

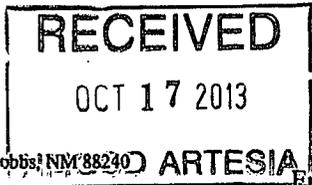
Respectfully,

Sheldon L. Hitchcock
Environmental Scientist
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
Phone: (575) 746-8768
Cell: (575) 689-5198
Fax: (575) 746-8905
Email: slhitchcock@talonlpe.com
Web: www.talonlpe.com



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist
Staples Foundation for Learning Hall of Fame Recipient: 2010
ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006
Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

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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
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	Contact Michael Barrett
Address 1111 Bagby Street Suite 4600, Houston, TX 77002	Telephone No. 575-623-8424
Facility Name ASAU Injection Line	Facility Type Flowline

Surface Owner Private	Mineral Owner State	API No. 2RP-1747
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LOCATION OF RELEASE

Unit Letter K	Section 11	Township 18S	Range 26E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32.759369 Longitude -104.352562

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 12bbls	Volume Recovered 0
Source of Release Flowline Leak	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 7/17/2013 @ 8:00 am
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
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.*
An injection flowline running under an alfalfa field leaked causing a release of approximately 12bbls of produced water. Talon/LPE was contracted to do an initial site assessment and to contain the released fluids. Talon/LPE drafted and submitted a remediation work plan to the NMOCD which was subsequently approved.

Describe Area Affected and Cleanup Action Taken.*
The impacted area measured approximately 74 X 94 feet at its widest point and had a 24-foot wide flow path that stretched approximately 85-feet south of the main pooling area. Per the approved work plan Talon excavated the impacted area to depths ranging from 1.5 to 5 feet in depth. Confirmation samples were taken to insure that all of the impacted soil was removed. The excavation was backfilled with topsoil consistent with the soil found in the surrounding agricultural lands. The land owner will replant crops at this location at his discretion.

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 Environmental Specialist:	
Title: Production Supervisor	Approval Date:	Expiration Date:
E-mail Address: mbarrett@limerockresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date:	Phone: 575-628-8424	

* Attach Additional Sheets If Necessary



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

September 19, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASAU INJECTION LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/18/13 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

A handwritten signature in cursive script that reads "Celey D. Keene".

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: 09/18/2013
 Reported: 09/19/2013
 Project Name: ASAU INJECTION LINE
 Project Number: 701307.049.01
 Project Location: NOT GIVEN

 Sampling Date: 09/18/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S-1 5' (H302275-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	09/19/2013	ND	432	108	400	3.77		

Sample ID: S-2 5' (H302275-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	09/19/2013	ND	432	108	400	3.77		

Sample ID: S-3 5' (H302275-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/19/2013	ND	432	108	400	3.77		

Sample ID: S-4 1.5' (H302275-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/19/2013	ND	432	108	400	3.77		

Cardinal Laboratories

*=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

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: <u>Talon/LPE</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>D. Adkins</u>		P.O. #:		Chlorides											
Address: <u>408 W. Texas Ave</u>		Company: <u>Talon/LPE</u>													
City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u>		Attn:													
Phone #: <u>575-746-8768</u> Fax #: <u>575-746-8905</u>		Address:													
Project #:		Project Owner: <u>Lime Rock</u>												City:	
Project Name: <u>ASAP Injection Line</u>		State:												Zip:	
Project Location:		Phone #:													
Sampler Name: <u>Sheldon Hitencock</u>		Fax #:													
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING						
		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME			
<u>H302275</u>															
<u>1</u>	<u>S-1 5'</u>	<u>5</u>	<u>1</u>								<u>9-18-13</u>	<u>11:32</u>			
<u>2</u>	<u>S-2 5'</u>	<u>5</u>	<u>1</u>									<u>11:35</u>			
<u>3</u>	<u>S-3 5'</u>	<u>5</u>	<u>1</u>									<u>11:37</u>			
<u>4</u>	<u>S-4 1.5'</u>	<u>5</u>	<u>1</u>									<u>11:40</u>			

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Relinquished By: <u>Sheldon Hitencock</u>	Date: <u>9/18/13</u>	Received By: <u>Jodi Henson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> <u>32.4</u>	Checked By: <u>JWH</u>	REMARKS: <u>Rush</u>	

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