



May 11, 2010

Mike Stubblefield
Lime Rock Resources Operating Co.
303 E. Main Street
Artesia, NM 88210

Re: Resler State P.W. Transfer Pump

Enclosed are the results of analyses for sample number H19850, received by the laboratory on 05/07/10 at 3:15 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director



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

ANALYTICAL RESULTS FOR
LIME ROCK RESOURCES OPERATING CO.
ATTN: MIKE STUBBLEFIELD
303 E. MAIN STREET
ARTESIA, NM 88210
FAX TO: (575) 746-8905

Receiving Date: 05/07/10
Reporting Date: 05/11/10
Project Number: 701037.001.01
Project Name: RESLER STATE P.W. TRANSFER PUMP
Project Location: UT.P SEC. 25-17S-27E NEW MEXICO

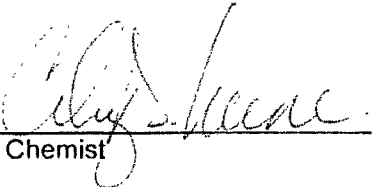
Analysis Date: 05/10/10
Sampling Date: 05/04/10 & 05/06/10
Sample Type: SOIL
Sample Condition: INTACT @ 9°C
Sample Received By: AB
Analyzed By: HM

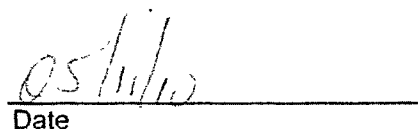
LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19850-1	001 BOTTOM OF EXCAVATED AREA 13 1/2' BGS.	160
H19850-2	002 BOTTOM OF EXCAVATED AREA 7' BGS.	720
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods

4500-ClB

Note: Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

H19850 Talon LPE

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 or 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 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 on this report and not be reproduced except in full with written approval of Cardinal Laboratories.



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LIME ROCK RESOURCES OPERATING CO.
ATTN: MIKE STUBBLEFIELD
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FAX TO: (575) 746-8905

Receiving Date: 05/07/10
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Project Number: 701037.001.01
Project Name: RESLER STATE P W TRANSFER PUMP
Project Location: UT-P SEC 25-17S-27E, NEW MEXICO

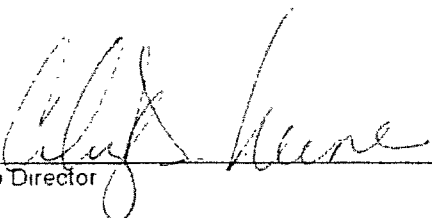
Sampling Date: 05/06/10
Sample Type: SOIL
Sample Condition: INTACT @ 9°C
Sample Received By: AB
Analyzed By: AB/ZL

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
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ANALYSIS DATE	05/10/10	05/10/10	05/10/10	05/10/10	05/10/10	05/10/10
H19850-2 002 BOTTOM OF EXCAVATED AREA 7' BGS	<10.0	10.2	<0.050	<0.050	<0.050	<0.300
Quality Control	491	476	0.020	0.023	0.022	0.064
True Value QC	500	500	0.020	0.020	0.020	0.060
% Recovery	98.2	95.2	100	115	110	107
Relative Percent Difference	1.7	1.8	7.0	2.0	2.0	3.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,
AND TOTAL XYLENES Not accredited for GRO/DRO and Chloride.


Lab Director

05/11/10
Date

H19850 BTEXTPH TALON

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 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.

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Company Name: Line Rock Resources Operating Co.		Phone #: 575-441-7254	
Address: (Street, City, Zip) 303 East Main Street, Artesia 88210		Fax #: 575-746-8905	
Contact Person: Mike Stubblefield		E-mail: mstubblefield@talonLPE.com	
Invoice to: (If different from above) Jerry Smith			
Project #: 701037-001-01		Project Name: Resler State P.W. Transfer	
Project Location (including state): UT. P sec. 25-125-22e New Mexico		Sampler Signature: [Signature]	

ANALYSIS REQUEST

Circle or Specify Method Request

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 8021 / 602	BTEX 8021 / 602 /	TPH 418.1 / TX1005	TPH 8015 GRO / DP	PAH 8270 / 625	Total Metals Ag As Ba C	TCLP Metals Ag As	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / G	GC/MS Semi Vol. 8	PCB's 8082 / 608	Pesticides 8081 / 60	BOD, TSS, pH	Moisture Content	Cl, F1, S04, NO3, NO	Na, Ca, Mg, K, TDS	Total Chloride	Turn Around Time if	Hold	
				WATER	SOIL	AIR	SLUDGE		HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE																							TIME
4198501	001 Bottom of excavated area 13 1/2' bgs.			✓						✓		5/4/2010	2:30P																									
-2	002 Bottom of excavated area 7' bgs.			✓						✓		5/6/2010	10:30A	✓	✓																							
														</																								

Relinquished by: Mike Stubblefield TalonLPE	Company: TalonLPE	Date: 5/2/2010	Time: 12:56	Received by: [Signature]	Company: Cardinal	Date: 5/7/10	Time: 1:00P	INST ☐	OBS ☐	COR ☐
Relinquished by: [Signature]	Company: Cardinal	Date: 5/7/10	Time: 3:15P	Received by: [Signature]	Company: Cardinal	Date: 5/7/10	Time: 3:15P	INST ☐	OBS ☐	COR ☐
Relinquished by: [Signature]	Company: Cardinal	Date: 5/7/10	Time: 3:15P	Received by: [Signature]	Company: Cardinal	Date: 5/7/10	Time: 3:15P	INST ☐	OBS ☐	COR ☐

LAB USE ONLY

Intact ☒ Y ☐ N
Headspace ☒ Y ☐ N ☐ NALog-in-Review ☐

REMARKS:

#26 9°C

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check if Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Carrier # _____