Summary Report

Hal Lee
Rubicon Oil Gas, LLC
508 W Wall Ave
Suite 500
Midland, TX, 79701

30-015-36047

Report Date: June 6, 2008

Work Order: 8051203

Project Location: Main Pit Area
Project Name: Lakewood 21-2

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
159529	N 1/4 Comp.	soil	2008-05-06	11:35	2008-05-12
159530	S 1/4 Comp.	soil	2008-05-06	11:50	2008-05-12
159531	E 1/4 Comp.	soil	2008-05-06	12:10	2008-05-12
159532	W 1/4 Comp.	soil	2008-05-06	12:40	2008-05-12

Sample: 159529 - N 1/4 Comp.

Param	Flag	Result	Units	RL
Chloride		**33.3**	mg/Kg	3.25

Sample: 159530 - S 1/4 Comp.

Param	Flag	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

Sample: 159531 - E 1/4 Comp.

Param	Flag	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

Sample: 159532 - W 1/4 Comp.

Param	Flag	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

TraceAnalysis, Inc.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Hal Lee
Rubicon Oil Gas, LLC
508 W Wall Ave
Suite 500
Midland, TX, 79701

Report Date: June 6, 2008

Work Order: 8051203

Project Location: Main Pit Area
Project Name: Lakewood 21-2
Project Number: Lakewood 21-2

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
159529	N 1/4 Comp.	soil	2008-05-06	11:35	2008-05-12
159530	S 1/4 Comp.	soil	2008-05-06	11:50	2008-05-12
159531	E 1/4 Comp.	soil	2008-05-06	12:10	2008-05-12
159532	W 1/4 Comp.	soil	2008-05-06	12:40	2008-05-12

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 6 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Certifications
Lubbock - NELAP T104704219-08-TX
El Paso - NELAP T104704221-08-TX

Standard Flags
B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Lakewood 21-2 were received by TraceAnalysis, Inc. on 2008-05-12 and assigned to work order 8051203. Samples for work order 8051203 were received intact at a temperature of 22.0 deg C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
Chloride (Titration)	SM 4500-Cl B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 8051203 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 159529 - N 1/4 Comp.

Laboratory:	Lubbock				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	48303	Date Analyzed:	2008-05-12	Analyzed By:	RD
Prep Batch:	41538	Sample Preparation:	2008-05-12	Prepared By:	RD

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**33.3**		mg/Kg	10	3.25

Sample: 159530 - S 1/4 Comp.

Laboratory:	Lubbock				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	48303	Date Analyzed:	2008-05-12	Analyzed By:	RD
Prep Batch:	41538	Sample Preparation:	2008-05-12	Prepared By:	RD

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		<32.5		mg/Kg	10	3.25

Sample: 159531 - E 1/4 Comp.

Laboratory:	Lubbock				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	48303	Date Analyzed:	2008-05-12	Analyzed By:	RD
Prep Batch:	41538	Sample Preparation:	2008-05-12	Prepared By:	RD

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		<32.5		mg/Kg	10	3.25

Sample: 159532 - W 1/4 Comp.

Laboratory:	Lubbock				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	48303	Date Analyzed:	2008-05-12	Analyzed By:	RD
Prep Batch:	41538	Sample Preparation:	2008-05-12	Prepared By:	RD

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<32.5	mg/Kg	10	3.25

Method Blank (1) QC Batch: 48303

QC Batch: 48303 Date Analyzed: 2008-05-12 Analyzed By: RD
Prep Batch: 41538 QC Preparation: 2008-05-12 Prepared By: RD

Parameter	Flag	MDL Result	Units	RL
Chloride		<1.80	mg/Kg	3.25

Laboratory Control Spike (LCS-1)

QC Batch: 48303 Date Analyzed: 2008-05-12 Analyzed By: RD
Prep Batch: 41538 QC Preparation: 2008-05-12 Prepared By: RD

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	102	mg/Kg	1	100	<1.80	102	96.8 - 103

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	102	mg/Kg	1	100	<1.80	102	96.8 - 103	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 159532

QC Batch: 48303 Date Analyzed: 2008-05-12 Analyzed By: RD
Prep Batch: 41538 QC Preparation: 2008-05-12 Prepared By: RD

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	871	mg/Kg	10	500	394.69	95	76.4 - 123

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	960	mg/Kg	10	500	394.69	113	76.4 - 123	10	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 48303 Date Analyzed: 2008-05-12 Analyzed By: RD

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	104	104	85 - 115	2008-05-12

Standard (CCV-1)

QC Batch: 48303 Date Analyzed: 2008-05-12 Analyzed By: RD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	95.4	95	85 - 115	2008-05-12

LAB Order ID # 8051203 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

5002 Basin Street Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

6015 Harris Pkwy, Suite 110
Ft Worth, Texas 76132
Tel (817) 201-5260

Company Name: Rubicon Oil & Gas Co.
Phone #: 432-684-8006
Address: (Street, City, Zip) Midland, TX 79701
Fax #:
Contact Person: Hal Lee
E-mail: hal@adventure-energy.com
Invoice to: (If different from above)
Project #: Lakewood 21-2
Project Name: [illegible]
Project Location (including state): Main Pit Area
Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

Analysis columns: MTBE 8021B / 602 / 8260B / 624; BTEX 8021B / 602 / 8260B / 624; TPH 418.1 / TX1005 / TX1005 Ext(C35); TPH 8015 GRO / DRO / TVHC; PAH 8270C / 625; Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200 7; TCLP Metals Ag As Ba Cd Cr Pb Se Hg; TCLP Volatiles; TCLP Semi Volatiles; TCLP Pesticides; RCI; GC/MS Vol. 8260B / 624; GC/MS Semi. Vol. 8270C / 625; PCB's 8082 / 608; Pesticides 8081A / 608; BOD, TSS, pH; Moisture Content; Turn Around Time if different from standard; Hold

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	SAMPLING: TIME	Analysis requested	Turn Around Time if different from standard	Hold
159529	N1/4 comps.	1			X								X	5/6/08	1135	Soil Cl	X	
530	S1/4 ↓	1			X								X	5/6/08	1150			
531	E1/4 ↓	1			X								X	5/6/08	1210			
532	W1/4 ↓	1			X								X	5/6/08	1240			

Email results to:
hal@adventure-energy.com
cmwinn@[illegible].com
[illegible]@state.nm.us

Close out of main drilling pit area.

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature] Agent	5/9/08	2 00			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Brenda Ward	5/12/08	11:40

LAB USE ONLY
Intact (Y) / N
Headspace Y / (NA)
Temp 22
Log-in-Review

REMARKS: ASAP

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

Carrier # DHL Bus 3046777085

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

ORIGINAL COPY