

Summary Report

Tommy Folsom
Murchison Oil & Gas Inc.
P.O. Box 627
Carlsbad, NM, 88220

Report Date: May 23, 2007

Work Order: 7052326



30-015-33906

Project Number: Moore Fed. Com No.4

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
125075	N West Side	soil	2007-05-22	08:00	2007-05-23
125076	N East Side	soil	2007-05-22	08:30	2007-05-23
125077	N Middle	soil	2007-05-22	09:00	2007-05-23

Sample: 125075 - N West Side

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

Sample: 125076 - N East Side

Param	Flag	Result	Units	RL
Chloride		63.7	mg/Kg	5.00

Sample: 125077 - N Middle

Param	Flag	Result	Units	RL
Chloride		89.6	mg/Kg	5.00



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Analytical and Quality Control Report

Tommy Folsom
Murchison Oil & Gas Inc.
P.O. Box 627
Carlsbad, NM, 88220

Report Date: May 23, 2007

Work Order: 7052326



Project Number: Moore Fed. Com No.4

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
125075	N West Side	soil	2007-05-22	08:00	2007-05-23
125076	N East Side	soil	2007-05-22	08:30	2007-05-23
125077	N Middle	soil	2007-05-22	09:00	2007-05-23

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 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project were received by TraceAnalysis, Inc. on 2007-05-23 and assigned to work order 7052326. Samples for work order 7052326 were received intact at a temperature of 22 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 7052326 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: 125075 - N West Side

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	Sample Preparation:	2007-05-23	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<50.0	mg/Kg	10	5.00

Sample: 125076 - N East Side

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	Sample Preparation:	2007-05-23	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		63.7	mg/Kg	10	5.00

Sample: 125077 - N Middle

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	Sample Preparation:	2007-05-23	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		89.6	mg/Kg	10	5.00

Method Blank (1) QC Batch: 37443

QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	QC Preparation:	2007-05-23	Prepared By:	SM

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	QC Preparation:	2007-05-23	Prepared By:	SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<3.25	101	90 - 110

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	<3.25	102	90 - 110	1	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: 125081

QC Batch: 37443
Prep Batch: 32466

Date Analyzed: 2007-05-23
QC Preparation: 2007-05-23

Analyzed By: JS
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 5130	mg/Kg	200	20000	4540	3	84.6 - 117

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	² 4940	mg/Kg	200	20000	4540	2	84.6 - 117	4	20

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

Standard (ICV-1)

QC Batch: 37443

Date Analyzed: 2007-05-23

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.1	99	85 - 115	2007-05-23

Standard (CCV-1)

QC Batch: 37443

Date Analyzed: 2007-05-23

Analyzed By: JS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-05-23

¹Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

²Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

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Company Name: Thurston Oil & Gas, Inc.	Phone #: 505-706-0667
Address: (Street, City, Zip) Carrizosa, NM 88220	Fax #:
Contact Person: Tommy Folsom	E-mail: t.folsom@valornet.com
Invoice to: (If different from above)	
Project #: More Fed. Comm. #4	Project Name: CWR
Project Location (including state):	Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING				Turn Around Time if Held
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME			
	All pad north face area composite.																X	
125075	N west side	1		X						X	5/22	0800						
76	N east side	1		X						X		0830				Email sample results to:		
77	N middle	1		X						X		0900				tfolson@valernet.com mdu.bratcher@state.nm.us cmurphy@nme.com		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<i>[Signature]</i>	5/22/07	1310			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			<i>[Signature]</i>	5-23-07	11:05

<p>LAB USE ONLY</p> <p>Intact <u>(Y) N</u></p> <p>Headspace <u>Y / N</u></p> <p>Temp <u>22°C</u></p> <p>Log-in-Review <u>014</u></p>	<p>REMARKS:</p> <p><i>24 Hr.</i></p> <p><input type="checkbox"/> Dry Weight Basis Required</p> <p><input type="checkbox"/> TRRP Report Required</p> <p><input type="checkbox"/> Check If Special Reporting Limits Are Needed</p>
<p>Carrier # <u>RES CWT 300103591995</u></p>	

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

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