Summary Report

Tommy Folsom

Murchison Oil & Gas Inc.

P.O. Box 627

Carlsbad, NM, 88220

Report Date: March 19, 2007

Work Order: 7031614

30-0/5-34206

Project Location: Mud Cat Insitu #2 and Main Pit

Project Name:

Mud Cat No. 1

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
118985	N 1/4 Wall & Floor	soil	2007-03-15	10:00	2007-03-16
118986	S 1/4 Wall & Floor	soil	2007-03-15	10:20	2007-03-16
118987	E 1/4 Wall & Floor	soil	2007-03-15	10:30	2007-03-16
118988	W 1/4 Wall & Floor	soil	2007-03-15	10:40	2007-03-16
118989	Background @ Mud Cat Location	soil	2007-03-15	11:00	2007-03-16

Sample: 118985 - N 1/4 Wall & Floor

Param	Flag	Result	${ m Units}$	RL
Chloride		233	mg/Kg	5.00

Sample: 118986 - S 1/4 Wall & Floor

Param	Flag	Result	${f Units}$	RL
Chloride		264	mg/Kg	5.00

Sample: 118987 - E 1/4 Wall & Floor

Param	Flag	Result	${ m Units}$	RL
Chloride		253	mg/Kg	5.00

Sample: 118988 - W 1/4 Wall & Floor

Param	Flag	Result	Units	RL
Chloride		296	mg/Kg	5.00

Sample: 118989 - Background @ Mud Cat Location

Report Date: March 19, 2007

Flag

Param

Chloride

Work Order: 7031614

Mud Cat No. 1

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RL

5.00

Units

mg/Kg

Mud Cat Insitu #2 and Main Pit

Result

<10.0



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Analytical and Quality Control Report

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

Report Date: March 19, 2007

Work Order: 7031614

Project Location: Mud Cat Insitu #2 and Main Pit

Project Name: Project Number: Mud Cat No. 1 Mud Cat No. 1

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

			Date	Time	Date
\mathbf{Sample}	Description	Matrix	\mathbf{Taken}	Taken	Received
118985	N 1/4 Wall & Floor	soil	2007-03-15	10:00	2007-03-16
118986	S 1/4 Wall & Floor	soil	2007-03-15	10:20	2007-03-16
118987	E 1/4 Wall & Floor	soil	2007-03-15	10:30	2007-03-16
118988	W 1/4 Wall & Floor	soil	2007-03-15	10:40	2007-03-16
118989	Background @ Mud Cat Location	soil	2007-03-15	11:00	2007-03-16

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

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

Report Date: March 19, 2007 Mud Cat No. 1

Work Order: 7031614 Mud Cat No. 1

Page Number: 2 of 4 Mud Cat Insitu #2 and Main Pit

Analytical Report

Sample:	118985	-	\mathbf{N}	1,	/4	Wall	& z	Floor
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Analysis: Chloride (Titration)

QC Batch: 35658 Prep Batch: 30929 Analytical Method: Date Analyzed: Sample Preparation: SM 4500-Cl B 2007-03-16 2007-03-16

Prep Method: N/A Analyzed By: JS Prepared By:

RL

Parameter Dilution Result RLFlag Units Chloride 233 5.00 mg/Kg 4

Sample: 118986 - S 1/4 Wall & Floor

Analysis: Chloride (Titration) QC Batch: 35658 30929

Prep Batch:

Analytical Method: Date Analyzed: 2007-03-16 Sample Preparation:

SM 4500-Cl B Prep Method: N/A Analyzed By: JS2007-03-16 Prepared By: JS

RL

RL

Parameter Flag Result Units Dilution RLChloride 264 mg/Kg 5.00

Sample: 118987 - E 1/4 Wall & Floor

Analysis: Chloride (Titration) QC Batch: 35658 Prep Batch: 30929

Analytical Method: SM 4500-Cl B Date Analyzed: 2007-03-16 Sample Preparation: 2007-03-16

Prep Method: N/A Analyzed By: JS Prepared By: JS

Parameter	Flag	Result	Units	Dilution	RL
Chloride		253	m mg/Kg	10	5.00

Sample: 118988 - W 1/4 Wall & Floor

Analysis: Chloride (Titration) QC Batch: 35658 Prep Batch: 30929

Analytical Method: SM 4500-Cl B Date Analyzed: 2007-03-16 Sample Preparation: 2007-03-16

Prep Method: N/A Analyzed By: JSPrepared By: JS

Flag

RLParameter Result Units Dilution RLChloride 296 5.00 mg/Kg

Sample: 118989 - Background @ Mud Cat Location

Analysis: Chloride (Titration) QC Batch: 35658 Prep Batch: 30929

Analytical Method: SM 4500-Cl B Date Analyzed: 2007-03-16 Sample Preparation: 2007-03-16

Prep Method: N/A Analyzed By: JS Prepared By:

Report Date: March 19, 2007 Mud Cat No. 1 Work Order: 7031614 Mud Cat No. 1 Page Number: 3 of 4 Mud Cat Insitu #2 and Main Pit

Method Blank (1) QC Batch: 35658

QC Batch: 35658 Prep Batch: 30929 Date Analyzed: 2007-03-16 QC Preparation: 2007-03-16 Analyzed By: JS Prepared By: JS

Laboratory Control Spike (LCS-1)

QC Batch: 35658 Prep Batch: 30929 Date Analyzed: 2007-03-16 QC Preparation: 2007-03-16 Analyzed By: JS Prepared By: JS

LCS Rec. Spike Matrix Param Result Dil. Limit Units Amount Result Rec. Chloride 99.5mg/Kg < 3.25 100 90 - 110 100

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

	LCSD			\mathbf{Spike}	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	99.9	mg/Kg	1	100	< 3.25	100	90 - 110	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: 118985

QC Batch: 35658 Prep Batch: 30929 Date Analyzed: 2007-03-16 QC Preparation: 2007-03-16

Analyzed By: JS Prepared By: JS

		MS			Spike	Matrix		Rec.
Param		Result	Units	Dil.	Amount	Result	Rec.	\mathbf{Limit}
Chloride	1	415	mg/Kg	4	400	233	46	84.6 - 117

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

		MSD			Spike	Matrix		Rec.		RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	2	412	mg/Kg	4	400	233	45	84.6 - 117	1	20

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

¹Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

²Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Report Date: March 19, 2007 Mud Cat No. 1 Work Order: 7031614 Mud Cat No. 1 Page Number: 4 of 4 Mud Cat Insitu #2 and Main Pit

Standard (ICV-1)

QC Batch: 35658

Date Analyzed: 2007-03-16

Analyzed By: JS

			ICVs	ICVs	ICVs	Percent	
			True	Found	Percent	Recovery	Date
Param	\mathbf{Flag}	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2007-03-16

Standard (CCV-1)

QC Batch: 35658

Date Analyzed: 2007-03-16

Analyzed By: JS

			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-16

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TraceAnalysis, Inc.

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