Report Date: February 28, 2007

Quail State #1

Work Order: 7022715

Summary Report

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

Report Date: February 28, 2007

Page Number: 1 of 1

Work Order: 7022715

30-015-34261

Project Number: Quail State #1

			Date	\mathbf{Time}	Date
Sample	Description	Matrix	Taken	Taken	Received
$\overline{117546}$	N Wall & Floor Resample Comp	soil	2007-02-26	11:00	2007-02-27
117547	S Wall & Floor Resample Comp	soil	2007-02-26	11:20	2007-02-27

Sample: 117546 - N Wall & Floor Resample Comp

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	5.00

Sample: 117547 - S Wall & Floor Resample Comp

Param	Flag	Result	Units	RL
Chloride		104	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: February 28, 2007

Work Order:

Project Number: Quail State #1

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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
117546	N Wall & Floor Resample Comp	soil	2007-02-26	11:00	2007-02-27
117547	S Wall & Floor Resample Comp	soil	2007-02-26	11:20	2007-02-27

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 3 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.

Report Date: February 28, 2007

Quail State #1

Work Order: 7022715

Analytical Report

Sample: 117546 - N Wall & Floor Resample Comp

Analysis: Chloride (Titration)

QC Batch: 35087 Prep Batch: 30449 Analytical Method:
Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-02-27 2007-02-27 Prep Method: N/A Analyzed By: JS Prepared By: SM

Page Number: 2 of 3

RL

Sample: 117547 - S Wall & Floor Resample Comp

Analysis: Chloride (Titration) QC Batch: 35087

Prep Batch: 30449

Analytical Method:
Date Analyzed:
Sample Preparation:

SM 4500-Cl B 2007-02-27 2007-02-27 Prep Method: N/A Analyzed By: JS Prepared By: SM

RL

Method Blank (1) QC Batch: 35087

QC Batch: 35087 Prep Batch: 30449 Date Analyzed: 2007-02-27 QC Preparation: 2007-02-27 Analyzed By: JS Prepared By: JS

MDL

Laboratory Control Spike (LCS-1)

QC Batch: 35087 Prep Batch: 30449 Date Analyzed: QC Preparation:

2007-02-27 2007-02-27 Analyzed By: JS Prepared By: JS

LCS Spike Matrix Rec. Param Result Units Dil. Amount Result Rec. Limit Chloride 99.8 mg/Kg 1 100 < 3.25 100 90 - 110

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

LCSD Rec. RPD Spike Matrix Param Result Units Amount Result Rec. Limit RPD Limit Chloride 95.6 < 3.2596 90 - 110 20 mg/Kg 100 4

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

Report Date: February 28, 2007

Quail State #1

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Matrix Spike (MS-1)

Spiked Sample: 117547

QC Batch: 35087 Prep Batch: 30449 Date Analyzed: 2007-02-27 QC Preparation: 2007-02-27 Analyzed By: JS Prepared By: JS

Param

Chloride

MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	${ m Rec.} \ { m Limit}$
334	mg/Kg .	4	400	103.586	58	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	\mathbf{Units}	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	2	310	mg/Kg	4	400	103.586	52	84.6 - 117	7	20

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

Standard (ICV-1)

QC Batch: 35087

Date Analyzed: 2007-02-27

Analyzed By: JS

			ICVs	ICVs	ICVs	Percent	_
			True	\mathbf{Found}	Percent	$\operatorname{Recovery}$	Date
Param	\mathbf{Flag}	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-02-27

Standard (CCV-1)

QC Batch: 35087

Date Analyzed: 2007-02-27

Analyzed By: JS

			CCVs	\mathbf{CCVs}	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	\mathbf{Units}	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	99.4	99	85 - 115	2007-02-27

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.

LAB Order ID# 70 2

7022715

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TraceAnalysis, Inc.

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email: lab@traceanalysis.com						1 (800) 378-1296					Fax (432) 005-0313								1 (888) 588-3443															
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