

Summary Report

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

Report Date: February 15, 2007

Work Order: 7021413



Project Number: Quail State #1 *30-015-34261*

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
116387	S Wall/Floor Reserve#1 Comp	soil	2007-02-13	13:00	2007-02-14
116388	S Wall/floor Reserve #2 Comp.	soil	2007-02-13	13:20	2007-02-14

Sample: 116387 - S Wall/Floor Reserve#1 Comp

Param	Flag	Result	Units	RL
Chloride		313	mg/Kg	5.00

Sample: 116388 - S Wall/floor Reserve #2 Comp.

Param	Flag	Result	Units	RL
Chloride		176	mg/Kg	5.00



6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424 800•378•1296
El Paso, Texas 79932 888•588•3443
E-Mail lab@traceanalysis.com

806•794•1296 FAX 806•794•1298
915•585•3443 FAX 915•585•4944

Analytical and Quality Control Report

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

Report Date: February 15, 2007

Work Order: 7021413



Project Number: Quail State #1

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
116387	S Wall/Floor Reserve#1 Comp	soil	2007-02-13	13:00	2007-02-14
116388	S Wall/floor Reserve #2 Comp.	soil	2007-02-13	13:20	2007-02-14

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.

Analytical Report

Sample: 116387 - S Wall/Floor Reserve#1 Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	34663	Date Analyzed:	2007-02-14	Analyzed By:	SM
Prep Batch:	30031	Sample Preparation:	2007-02-14	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		313	mg/Kg	4	5.00

Sample: 116388 - S Wall/floor Reserve #2 Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	34663	Date Analyzed:	2007-02-14	Analyzed By:	SM
Prep Batch:	30031	Sample Preparation:	2007-02-14	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		176	mg/Kg	4	5.00

Method Blank (1) QC Batch: 34663

QC Batch:	34663	Date Analyzed:	2007-02-14	Analyzed By:	SM
Prep Batch:	30031	QC Preparation:	2007-02-14	Prepared By:	SM

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

Laboratory Control Spike (LCS-1)

QC Batch:	34663	Date Analyzed:	2007-02-14	Analyzed By:	SM
Prep Batch:	30031	QC Preparation:	2007-02-14	Prepared By:	SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	95.0	mg/Kg	1	100	<3.25	95	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	91.8	mg/Kg	1	100	<3.25	92	90 - 110	4	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: 116301

QC Batch: 34663
Prep Batch: 30031

Date Analyzed: 2007-02-14
QC Preparation: 2007-02-14

Analyzed By: SM
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	28700	mg/Kg	200	20000	10126.1	93	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	28400	mg/Kg	200	20000	10126.1	91	84.6 - 117	1	20

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

Standard (ICV-1)

QC Batch: 34663

Date Analyzed: 2007-02-14

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-02-14

Standard (CCV-1)

QC Batch: 34663

Date Analyzed: 2007-02-14

Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.5	98	85 - 115	2007-02-14