Summary Report

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

30-015-34475

Report Date: April 11, 2007

Work Order: 7041013

Project Name: Mustang
Resample after more soil removed:

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
121226	N. Wall & Floor Comp.	soil	2007-04-09	09:00	2007-04-10
121227	S. Wall & Floor Comp.	soil	2007-04-09	09:20	2007-04-10
121228	E. Wall & Floor Comp.	soil	2007-04-09	09:30	2007-04-10
121229	W. Wall & Floor Comp.	soil	2007-04-09	09:40	2007-04-10

Sample: 121226 - N. Wall & Floor Comp.

Param	Flag	Result	Units	RL
Chloride		**104**	mg/Kg	5.00

Sample: 121227 - S. Wall & Floor Comp.

Param	Flag	Result	Units	RL
Chloride		**364**	mg/Kg	5.00

Sample: 121228 - E. Wall & Floor Comp.

Param	Flag	Result	Units	RL
Chloride		**839**	mg/Kg	5.00

Sample: 121229 - W. Wall & Floor Comp.

Param	Flag	Result	Units	RL
Chloride		**709**	mg/Kg	5.00

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

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

Report Date: April 11, 2007

Work Order: 7041013

Project Name: Mustang
Project Number: Mustang
Resample after more soil removed:

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
121226	N. Wall & Floor Comp.	soil	2007-04-09	09:00	2007-04-10
121227	S. Wall & Floor Comp.	soil	2007-04-09	09:20	2007-04-10
121228	E. Wall & Floor Comp.	soil	2007-04-09	09:30	2007-04-10
121229	W. Wall & Floor Comp.	soil	2007-04-09	09:40	2007-04-10

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.

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 'Mustang ' were received by TraceAnalysis, Inc. on 2007-04-10 and assigned to work order 7041013. Samples for work order 7041013 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 occuring, however, it may not pertain to the samples for work order 7041013 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 preformed with each preparation batch to ensure data integrity.

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

Analytical Report

Sample: 121226 - N. Wall & Floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36352	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31537	Sample Preparation:	2007-04-10	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**104**	mg/Kg	10	5.00

Sample: 121227 - S. Wall & Floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36352	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31537	Sample Preparation:	2007-04-10	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**364**	mg/Kg	10	5.00

Sample: 121228 - E. Wall & Floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36353	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31538	Sample Preparation:	2007-04-10	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**839**	mg/Kg	20	5.00

Sample: 121229 - W. Wall & Floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36353	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31538	Sample Preparation:	2007-04-10	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**709**	mg/Kg	20	5.00

Method Blank (1) QC Batch: 36352

QC Batch:	36352	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31537	QC Preparation:	2007-04-10	Prepared By:	JS

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

Method Blank (1) QC Batch: 36353

QC Batch: 36353 Date Analyzed: 2007-04-10 Analyzed By: SM
Prep Batch: 31538 QC Preparation: 2007-04-10 Prepared By: JS

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

Laboratory Control Spike (LCS-1)

QC Batch: 36352 Date Analyzed: 2007-04-10 Analyzed By: SM
Prep Batch: 31537 QC Preparation: 2007-04-10 Prepared By: JS

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	101	mg/Kg	1	100	<3.25	101	90 - 110	1	20

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

Laboratory Control Spike (LCS-1)

QC Batch: 36353 Date Analyzed: 2007-04-10 Analyzed By: SM
Prep Batch: 31538 QC Preparation: 2007-04-10 Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	102	mg/Kg	1	100	<3.25	102	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	99.9	mg/Kg	1	100	<3.25	100	90 - 110	2	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: 121227

QC Batch: 36352 Date Analyzed: 2007-04-10 Analyzed By: SM
Prep Batch: 31537 QC Preparation: 2007-04-10 Prepared By: JS

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	[1]	535	mg/Kg	1	1000	364.349	17	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]	537	mg/Kg	1	1000	364.349	17	84.6 - 117	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: 121229

QC Batch: 36353 Date Analyzed: 2007-04-10 Analyzed By: SM
Prep Batch: 31538 QC Preparation: 2007-04-10 Prepared By: JS

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	[3]	922	mg/Kg	20	2000	709.36	11	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	[4]	906	mg/Kg	20	2000	709.36	10	84.6 - 117	2	20

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

Standard (ICV-1)

QC Batch: 36352 Date Analyzed: 2007-04-10 Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-04-10

Standard (CCV-1)

QC Batch: 36352 Date Analyzed: 2007-04-10 Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.5	100	85 - 115	2007-04-10

Standard (ICV-1)

QC Batch: 36353 Date Analyzed: 2007-04-10 Analyzed By: SM

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

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-04-10

Standard (CCV-1)

QC Batch: 36353 Date Analyzed: 2007-04-10 Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.9	100	85 - 115	2007-04-10

LAB Order ID # 7040013 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: Marbison Oil & Gas Co. Inc. Phone #: 505-706-0667

Address: (Street, City, Zip) Carlsbad, NM 88220 Fax #:

Contact Person: Tommy Folsom E-mail: tfolsom@valornet.com

Invoice to: (If different from above)

Project #: Mustang Project Name:

Project Location (including state): Sampler Signature:

ANALYSIS REQUEST (Circle or Specify Method No.)

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	WATER	SOIL	AIR	SLUDGE	HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	DATE	TIME	Analysis Request	Turn Around Time if different from standard	Hold
121226	N wall & floor comp	1			X								X	4/9/07	0900	Soil Cl₂ on all samples	X	
227	S wall & floor comp	1			X								X	↓	0920			
228	E wall & floor comp.	1			X								X	↓	0930	Email result to:		
229	W wall & floor comp.	1			X								X	↓	0940	tfolsom@valornet.com		
																mike.bratcher@state.nm.us		
	Resample after more soil removed.															cmurray@mx.com		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	4/9/07	1710			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Alena Ridley	4-10-07	11:00

LAB USE ONLY

Intact (Y) / N

Headspace Y / N

Temp 22°C

Log-in-Review MM

Carrier # BSGC7109C134245

REMARKS: 24 Hr.

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

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

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