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30-015-33956

Analytical and Quality Control Report

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

Report Date: May 11, 2006

Work Order: 6051103



Project Name: Reserve Pit Closure
Project Number: Lincoln Federal Com No. 2

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
90050	Pit NE Corner	soil	2006-05-09	16:00	2006-05-10
90051	Pit SE Corner	soil	2006-05-09	16:00	2006-05-10
90052	Pit NW Corner	soil	2006-05-09	16:00	2006-05-10
90053	Pit SW Corner	soil	2006-05-09	16:00	2006-05-10
90054	Insitu Pit	soil	2006-05-09	16:00	2006-05-10
90055	Background	soil	2006-05-09	16:00	2006-05-10

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.

This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Authorization
given to close pit

MAY 11 2006

Dr. Blair Leftwich, Director

Analytical Report

Sample: 90050 - Pit NE Corner

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	26443	Date Analyzed:	2006-05-11	Analyzed By:	WB
Prep Batch:	23216	Sample Preparation:	2006-05-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		769	mg/Kg	50	1.00

Sample: 90051 - Pit SE Corner

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	26443	Date Analyzed:	2006-05-11	Analyzed By:	WB
Prep Batch:	23216	Sample Preparation:	2006-05-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		144	mg/Kg	5	1.00

Sample: 90052 - Pit NW Corner

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	26443	Date Analyzed:	2006-05-11	Analyzed By:	WB
Prep Batch:	23216	Sample Preparation:	2006-05-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		70.5	mg/Kg	5	1.00

Sample: 90053 - Pit SW Corner

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	26443	Date Analyzed:	2006-05-11	Analyzed By:	WB
Prep Batch:	23216	Sample Preparation:	2006-05-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		192	mg/Kg	10	1.00

Sample: 90054 - Insitu Pit

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	26443	Date Analyzed:	2006-05-11	Analyzed By:	WB
Prep Batch:	23216	Sample Preparation:	2006-05-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		78.2	mg/Kg	5	1.00

Sample: 90055 - Background

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 26443	Date Analyzed: 2006-05-11	Analyzed By: WB
Prep Batch: 23216	Sample Preparation: 2006-05-10	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		15.6	mg/Kg	5	1.00

Matrix Blank (1) QC Batch: 26443

Parameter	Flag	MDL Result	Units	RL
Chloride		1.32	mg/Kg	1

Laboratory Control Spike (LCS-1) QC Batch: 26443

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	13.9	13.5	mg/Kg	1	12.5	1.32	101	3	90 - 110	20

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

Matrix Spike (MS-1) QC Batch: 26443 Spiked Sample: 90055

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1450	1500	mg/Kg	50	12.5	769	109	3	15.3 - 175	20

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

Standard (ICV-1) QC Batch: 26443

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	13.3	106	90 - 110	2006-05-11

Standard (CCV-1) QC Batch: 26443

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	13.2	106	90 - 110	2006-05-11

Submittal of samples constitutes agreement to terms and conditions listed on reverse side of L.U.C.
ORIGINAL COPY

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Company Name: <u>MURCHISON OIL & GAS, INC.</u> Phone #: <u>505-766-0467</u>		Address: <u>(Street, City, Zip)</u> Fax #: <u>505-766-0467</u>		Contact Person: <u>Tommy Folkert</u> e-mail: <u>tfolkert@murco.com</u>	
Invoice to: <u>Lincoln Federal Com. No. 1</u>		Project #: <u>431-2528</u>		Project Location: <u>Reserve Pit Closure</u>	
Project Name: <u>Reserve Pit Closure</u>		Sampler Signature: <u>[Signature]</u>		Project Location: <u>Reserve Pit Closure</u>	

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX					PRESERVATIVE METHOD					SAMPLING		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME	
90050	PH NE Corner	1		X											5/9/06	1600
51	" SE "	1														
52	" NW Corner	1														
53	" SW "	1														
54	Inside Pit	1														
55	Background	1														

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<u>[Signature]</u>	<u>5/10/06</u>	<u>1630</u>	<u>[Signature]</u>	<u>5/10/06</u>	<u>07:30</u>

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<u>[Signature]</u>	<u>5/10/06</u>	<u>1630</u>	<u>[Signature]</u>	<u>5/10/06</u>	<u>07:30</u>

Relinquished by: <u>[Signature]</u> Date: <u>5/10/06</u> Time: <u>1630</u> Received at Laboratory by: <u>[Signature]</u> Date: <u>5/10/06</u> Time: <u>07:30</u>	Intact: <u>Y</u> / <u>N</u> Headspace: <u>Y</u> / <u>N</u> Temp: <u>RT</u> / <u>Moist</u> Log-in Review: <u>MM</u>
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LAB USE ONLY	REMARKS:
34 Hour Requested	Notify Results via Email to: <u>tommy.folkert@murco.com</u> <u>CAUTION KEYS IN, COM</u> <u>Van, Barton & State, NM, US</u>