Report Date: March 13, 2007



Work Order: 7031210 Mud Cat State No. 1

Month - Year
MAR 2007
OCD - ARTESIA MM

Page Number: 1 of 1

Summary Report

Tommy Folsom Murchison Oil & Gas Inc. P.O. Box 627

 $Carlsbad,\,NM,\,88220$

30-015-34206

Work Order: 7031210

Report Date: March 13, 2007

Project Name: Mud Cat State No. 1

			\mathbf{Date}	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
118690	S Wall & Floor Comp	soil	2007-03-09	10:00	2007-03-12
118691	N Wall & Floor Comp	soil	2007-03-09	10:20	2007-03-12
118692	E Wall & Floor Comp	soil	2007-03-09	10:40	2007-03-12

Sample: 118690 - S Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		498	mg/Kg	5.00

Sample: 118691 - N Wall & Floor Comp

Param	Flag	Result	${f Units}$	RL
Chloride		947	mg/Kg	5.00

Sample: 118692 - E Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		1130	mg/Kg	5.00



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E-Mail: lab@tracsanalysis.com

Analytical and Quality Control Report

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

Report Date: March 13, 2007

Work Order: 7031210

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

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

			Date	${f Time}$	Date
\mathbf{Sample}	Description	Matrix	Taken	Taken	Received
118690	S Wall & Floor Comp	soil	2007-03-09	10:00	2007-03-12
118691	N Wall & Floor Comp	soil	2007-03-09	10:20	2007-03-12
118692	E Wall & Floor Comp	soil	2007-03-09	10:40	2007-03-12

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: March 13, 2007 Mud Cat State No. 1

Work Order: 7031210 Mud Cat State No. 1 Page Number: 2 of 3

Analytical Report

Sample: 118690 - S Wall & Floor Comp

Analysis: QC Batch:

Chloride (Titration)

35496 Prep Batch: 30788

Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-03-12 2007-03-12

Prep Method: Analyzed By:

SMPrepared By: SM

N/A

RL

RLParameter Flag Units Dilution Result Chloride 498 5.00 mg/Kg

Sample: 118691 - N Wall & Floor Comp

Analysis:

Chloride (Titration)

QC Batch: 35496 Prep Batch: 30788 Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-12

Prep Method: N/A Analyzed By: SM

Sample Preparation: 2007-03-12

Prepared By: SM

RL

Parameter Flag Result Units Dilution RLChloride 947 mg/Kg 10 5.00

Sample: 118692 - E Wall & Floor Comp

Analysis: QC Batch:

Chloride (Titration)

35496 Prep Batch: 30788 Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-03-12 2007-03-12

Prep Method: N/AAnalyzed By: SM

SM

Prepared By:

RL

Parameter Result Units Dilution RLFlag Chloride 1130 10 5.00 mg/Kg

Method Blank (1)

QC Batch: 35496

QC Batch: 35496 Prep Batch: 30788 Date Analyzed: 2007-03-12 QC Preparation: 2007-03-12 Analyzed By: SM Prepared By:

MDL Parameter Units RLFlag Result Chloride < 3.25 mg/Kg 5

Laboratory Control Spike (LCS-1)

QC Batch: 35496 Prep Batch: 30788 Date Analyzed: 2007-03-12 QC Preparation: 2007-03-12 Analyzed By: SM Prepared By:

Report Date: March 13, 2007 Mud Cat State No. 1 Work Order: 7031210 Mud Cat State No. 1

Param	$\begin{array}{c} \text{LCS} \\ \text{Result} \end{array}$	Units	Dil.	$\begin{array}{c} {\bf Spike} \\ {\bf Amount} \end{array}$	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.

	LCSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	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.

Matrix Spike (MS-1) Spiked Sample: 118692

QC Batch: 35496 Prep Batch: 30788 Date Analyzed: 2007-03-12 QC Preparation: 2007-03-12 Analyzed By: SM Prepared By: SM

Page Number: 3 of 3

		MS			\mathbf{Spike}	Matrix		Rec.
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit
Chloride	1	1210	mg/Kg	10	1000	1131.92	8	84.6 - 117

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

		MSD			\mathbf{Spike}	Matrix		Rec.		RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	2	1210	mg/Kg	10	1000	1131.92	8	84.6 - 117	0	20

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

Standard (ICV-1)

QC Batch: 35496

Date Analyzed: 2007-03-12

Analyzed By: SM

			ICVs	ICVs	ICVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	102	102	85 - 115	2007-03-12

Standard (CCV-1)

QC Batch: 35496

Date Analyzed: 2007-03-12

Analyzed By: SM

			CCVs	CCVs	CCVs	$\operatorname{Percent}$	
			True	Found	Percent	Recovery	Date
Param	Flag	${ m Units}$	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	97.7	98	85 - 115	2007-03-12

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 #	7031210
LAB Order ID#	1021910

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TraceAnalysis, Inc.

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Company Name: NUNCAULTU O' DAV, Addyess: (Street, City, Zip)	tuc.	hone #: 	667	(Circle	ANALYSIS REQUEST or Specify Method No.)	
Contact Person: Tonney Folsom	88220 L + t	mail: Usom Ovalori	net, com	7,200.7		ndard
Invoice to: (If different from above)				624 24 Ext(C) 49 601		Sta
Project #: Dut #1	P	roject Name:		8260B / 62 260B / 624 17005 Ex 7 TVHC 7 Pb Se Hg Cd Cr Pb	625	2
Project Location (including state):	S	ampler Signature:		/ 8260B / 624 8260B / 624 TX1005 Ex O / TVHC O / TVHC a Cd Cr Pb a Hg	8270C / 608	<u> </u>
	S to MATRIX	PRESERVATIVE METHOD	SAMPLING	8021B / 602 / 82 221B / 602 / 82 1 / TX1005 / 1 5 GRO / DRO 0C / 625 Is Ag As Ba Cd C stals Ag As Ba latiles mi Volatiles	ticides 1. 8260B / 62 mi. Vol. 8270 2 / 608 8081A / 608 ph content	5 = 5 E
LAB # FIELD CODE (LAB USE) ONLY	# CONTAINERS # CONTAINERS Volume / Amount WATER SOIL AIR SLUDGE	HCI HNO ₃ H ₂ SO ₄ NaOH ICE NONE	DATE	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 TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Pesticides RCI GC/MS Vol. 8260 GC/MS Semi. Vol PCB's 8082 / 608 Pesticides 8081A BOD, TSS, pH Moisture Content	Turn Around Time It different from standard Hold
S well & Clos Cong				5,7/	Lo an all Danieles ?	-1
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