

Robin Terrell
Mewbourne Oil Company
PO Box 5270
Hobbs, New Mexico 88241

OLD COPY

October 9, 2007

Mike Bratcher
NMOCD District 2 Office
1301 W. Grand
Artesia, New Mexico 88210

RE: Bradley 36 State Com 001 - Final Pit Closure

Bradley 36 State Com 001

API: 30-015-34893

Sec 36-T18S-R29E

1650' FSL & 1650' FEL

Depth to Ground Water: 175'

Planned Analytical Testing: Chlorides

Site Ranking Score: 0 (zero)

Primary Land Use: Ranching and Oil & Gas Production

Pursuant to Pit Rule 50 of the New Mexico Oil Conservation District of the State of New Mexico regulatory requirement for pit closure, please accept the following documentation for final closure of the drilling pit for the aforementioned location.

An Insitu burial trench was excavated and lined with 12mil liner. All drill cuttings were stiffened and transferred to the lined Insitu trench. Upon transferring all pit contents to the lined burial trench, field tests were performed on the soil within in the confines of the original drill pit. The field results of chloride delineation of the impacted material are as follows (a diagram has also been attached):

Q1	9' -80mg/kg	Q2	9' 360mg/kg	Q3	9' -80mg/kg
Q4	9' -80mg/kg	Q5	9' 12300mg/kg		
			12' 13000mg/kg		
			15' 14100mg/kg		
			18' 9700mg/kg		
			22' 270mg/kg		

After field tests were performed, Mike Bratcher of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted with the following stipulations:

Additional material will need to be excavated from the impacted area. The impacted material in Section "Q5" needs to be excavated to 22' and placed into the lined Insitu trench. A 20mil cap will be placed over the Insitu trench.

Pursuant to NMOCD Pit Rule 50, a 20mil liner was placed on top of the Insitu trench to seal in the impacted soils and the stiffened drill cuttings. The soils in Section "Q5" were removed per the aforementioned stipulation. The pit area was backfilled with clean native material and contoured to the surrounding terrain.

Soil samples were collected, prepared and packaged per EPA guidelines and forwarded to Trace Analysis in Lubbock, Texas for official analytical testing. Please find the official analytical results attached hereto.

Please review the attached documentation and contact me at 505-393-5905 with any questions or concerns.

Sincerely,

Accepted for record
NMOCD

Robin Terrell
Production Engineer
/sjt

Mewbourne Oil Company – Bradley 36 State Com 001

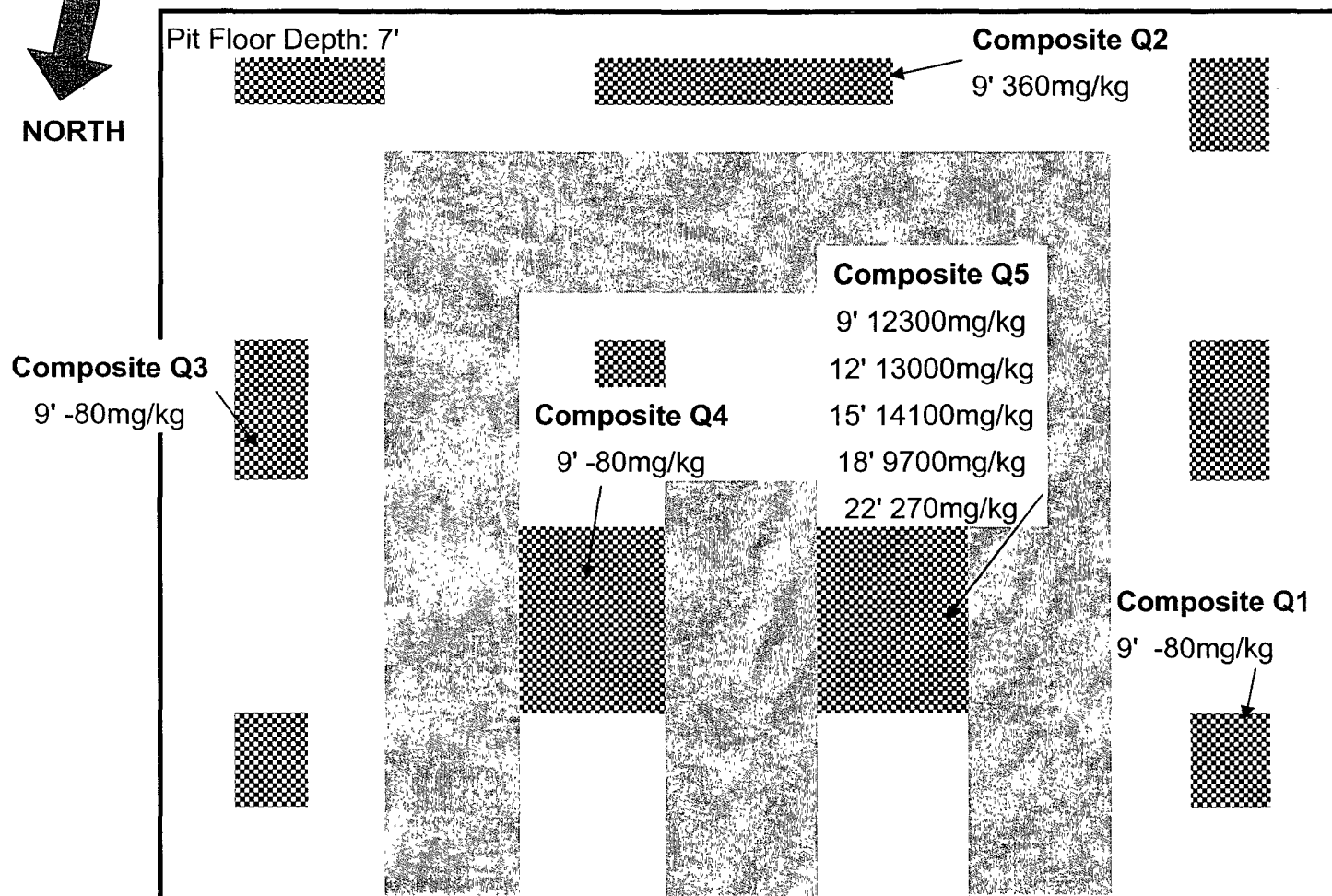
Page 1 of 1

②

Bradley 36 State Com 001
Field Results
Floor 10-09-07



Lined
Burial
Trench



Valley Energy Services, Inc.

PO Box 207
Loving, NM 88256

Invoice

Date	Invoice #
10/9/2007	630

Bill To
Mewbourne Oil Company Robin Terrell PO Box 5270 Hobbs, NM 88241

Terms	Rep
Due on receipt	SJT

Location
Bradley 36 State Com 001

Quantity	Item Code	Description	Price Each	Amount
4	Enviro Sampling	pulled infield sampling for delineation; contacted Mike Bratcher of the NMOCD - approval to close	65.00	260.00T
0.5	Enviro Reports		65.00	32.50T
0.5	Enviro misc	prepared, packaged and sent samples to Trace Analysis for official analyticals	65.00	32.50T
40	Mileage Charge		0.50	20.00T
		New Mexico Sales Tax	6.3125%	21.78
			Total	\$366 78

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9

200 East Sunset Road, Suite E

5002 Basin Street, Suite A1

8808 Camp Bowie Blvd West, Suite 180

Lubbock, Texas 79424

El Paso, Texas 79922

Midland, Texas 79703

Ft Worth, Texas 76116

800•378•1296

888•588•3443

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806•794•1296

915•585•3443

432•689•6301

817•201•5260

FAX 806•794•1298

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FAX 432•689•6313

FAX 817•560•4336

Analytical and Quality Control Report

Robin Terrell
Mewbourne Oil Company
P. O. Box 5270
Hobbs, NM, 88220

Report Date: October 16, 2007

Work Order: 7101214



Project Location: Sec 36-T18S-R29E, Eddy County, NM
Project Name: Bradley 36 State #1
Project Number: API 30-015-34893

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
139153	Q1-8	soil	2007-10-09	10:00	2007-10-12
139154	Q2-8	soil	2007-10-09	10:15	2007-10-12
139155	Q3-8	soil	2007-10-09	10:30	2007-10-12
139156	Q4-8	soil	2007-10-09	10:45	2007-10-12
139157	Q5-22	soil	2007-10-09	12:00	2007-10-12

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 5 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

Case Narrative

Samples for project Bradley 36 State #1 were received by TraceAnalysis, Inc. on 2007-10-12 and assigned to work order 7101214. Samples for work order 7101214 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 occurring, however, it may not pertain to the samples for work order 7101214 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 performed with each preparation batch to ensure data integrity.

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

Analytical Report

Sample: 139153 - Q1-8

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	42089	Date Analyzed:	2007-10-16	Analyzed By:	ER
Prep Batch:	36367	Sample Preparation:	2007-10-16	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<20.0	mg/Kg	4	5.00

Sample: 139154 - Q2-8

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	42089	Date Analyzed:	2007-10-16	Analyzed By:	ER
Prep Batch:	36367	Sample Preparation:	2007-10-16	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		375	mg/Kg	10	5.00

Sample: 139155 - Q3-8

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	42089	Date Analyzed:	2007-10-16	Analyzed By:	ER
Prep Batch:	36367	Sample Preparation:	2007-10-16	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		33.3	mg/Kg	4	5.00

Sample: 139156 - Q4-8

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	42089	Date Analyzed:	2007-10-16	Analyzed By:	ER
Prep Batch:	36367	Sample Preparation:	2007-10-16	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		39.8	mg/Kg	4	5.00

Sample: 139157 - Q5-22

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	42089	Date Analyzed:	2007-10-16	Analyzed By:	ER
Prep Batch:	36367	Sample Preparation:	2007-10-16	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		613	mg/Kg	20	5.00

Method Blank (1) QC Batch: 42089

QC Batch: 42089
Prep Batch: 36367

Date Analyzed: 2007-10-16
QC Preparation: 2007-10-16

Analyzed By: ER
Prepared By: ER

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

Laboratory Control Spike (LCS-1)

QC Batch: 42089
Prep Batch: 36367

Date Analyzed: 2007-10-16
QC Preparation: 2007-10-16

Analyzed By: ER
Prepared By: ER

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	92.7	mg/Kg	1	100	<3.25	93	90 - 110	9	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: 139157

QC Batch: 42089
Prep Batch: 36367

Date Analyzed: 2007-10-16
QC Preparation: 2007-10-16

Analyzed By: ER
Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 848	mg/Kg	20	2000	613.346	12	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	² 840	mg/Kg	20	2000	613.346	11	84.6 - 117	1	20

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

¹Matrix spike recovery out of control limits due to matrix interference Use LCS/LCSD to demonstrate analysis is under control
²Matrix spike recovery out of control limits due to matrix interference Use LCS/LCSD to demonstrate analysis is under control

Standard (ICV-1)

QC Batch: 42089

Date Analyzed: 2007-10-16

Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.4	99	85 - 115	2007-10-16

Standard (CCV-1)

QC Batch: 42089

Date Analyzed: 2007-10-16

Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-10-16

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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Camp Bowie Blvd West, Suite 180
 Ft. Worth, Texas 76116
 Tel (817) 201-5260
 Fax (817) 560-4336

Company Name: Newman Gil Co (INC)		Phone #:	
Address: 8000 S 270 Hobbs NM 88340		Fax #:	
Contact Person: Robert Towell		E-mail:	
Invoice to: Rebecca + Shelby			
Project #: API 30-DIS-34893			
(If different from above)			
Project Location (including state): SOC 36-T18S-R29E			
Project Name: Brady's 30 State #1			
Sampler Signature: Shelby Gil			
SAMPLING			
DATE			
TIME			
PRESERVATIVE METHOD			
HNO ₃			
HCl			
H ₂ SO ₄			
NaOH			
ICE			
NONE			
MATRIX			
WATER			
SOIL			
AIR			
SLUDGE			
# CONTAINERS			
Volume / Amount			
FIELD CODE			
LAB #			
(LAB USE ONLY)			
139153			
154			
155			
156			
157			
01-8			
02-8			
03-8			
04-8			
05-22			
10/1/07			
1015			
1030			
1045			
1200			
Relinquished by:			
Company:			
Date:			
Time:			
Received by:			
Company:			
Date:			
Time:			
Relinquished by:			
Company:			
Date:			
Time:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

MtBE	8021B / 602 / 8260B / 624
BTEX	8021B / 602 / 8260B / 624
TPH	418 I / 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 Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCl	
GC/MS Vol.	8260B / 624
GC/MS Semi. Vol.	8270C / 625
PCBs	8082 / 608
Pesticides	8081A / 608
BOD, TSS, pH	
Mixture Content	X X X X X X X X X X <i>Chowdhury</i>
Hold	
Turn Around Time if different from standard	
	<i>Liberty Day</i> <i>10/16/07</i>

REMARKS:

LAB USE ONLY

Intact γ / N

Headspace Y/N/NA

Log-in-Review

☐ 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

Carrier #