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

## September 26, 2007

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

RE: De

Derringer 18 Federal 001 - Final Pit Closure

Derringer 18 Federal 001 (API: 30-015-34362) Unit C-Sec 18-T20S-R29E 660' F NL & 1980' FWL Depth to Ground Water: 50'-100' 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 HDPE 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 8' -80mg/kg Q2 8' -80mg/kg Q3 8' -80mg/kg Q4 8' 380mg/kg Q5 8' 340mg/kg

After field tests were performed, Mike Bratcher of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted with no stipulations.

Pursuant to NMOCD Pit Rule 50, a 20mil HDPE liner was placed on top of the Insitu trench to seal in the impacted soils and the stiffened drill cuttings. The pit area was backfilled with clean native material, contoured to the surrounding terrain and reseeded with an approved native seed mixture.

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.

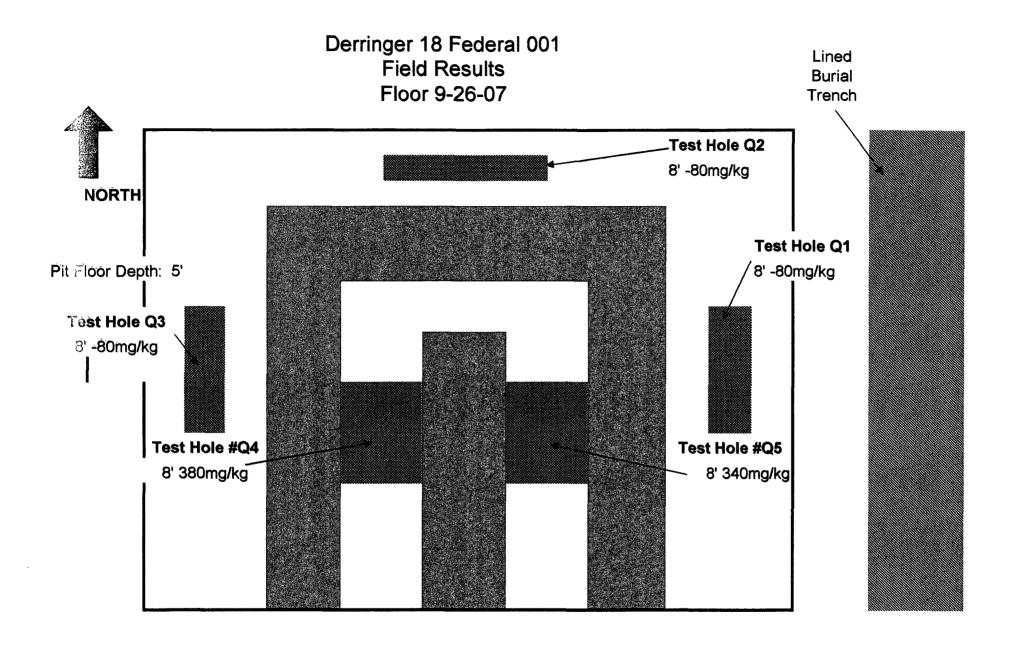
1 //

Robin Terrell Production Engineer

/sjt

Accepted for record NMOCD





pit closure.

Form C-144 Jane 1, 2004

District Annual Arthur 1994 (1992)

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Samples are to be obtained fro

pit area and analysis submitted to NMOCD prior to back-filling

#### Mewbourne Oil Company PO Box 5270 Hobbs, NM 88240 (505) 393-5905

August 24, 2007

New Mexico OCD Attn: Mike Bratcher 1301 West Gande Ave. Artesia, NM 88210

Re: Derringer "18" Federal # 1

On August 22, 2007 a borehole was drilled on the above mentioned location to a depth of 72'. No water was encountered during the drilling of the borehole. The depth of 72' was reached at 9:30 am 8/22/07. The borehole was then left exposed to atmospheric conditions for 24 hrs and tested with a bailer. Six inches of water was recovered with the bailer to a depth of 71'. Given this information Mewbourne Oil Company is requesting to deep bury the reserve contents on location. The deep bury pit would be no greater than 15' deep and would comply with all NMOCD rules and regulations.

Sincerely,

Robin Terrell

PO Box 207 Loving, NM 88256

Date	Invoice #
9/26/2007	622

Bill To

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

Terms	Rep
Due on receipt	SJT

Location	
Derringer 18 Federal 001	

Quantity	Item Code	Description	Price Each	Amount
3	Enviro Sampling	pulled infield samples for delineation, contacted Mike	65.00	195.00T
0.5		Bratcher with NMOCD - approval to close	65.00	22 SOT
0.5	Enviro Reports Enviro misc	prepared, packaged and sent samples to Trace Analysis for	65.00 65.00	32.50T 32.50T
0.5		official analyticals	03.00	32.301
40	Mileage Charge	·	0.50	20.00T
		New Mexico Sales Tax	6.3125%	17.68
i				
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			Total	\$297.68



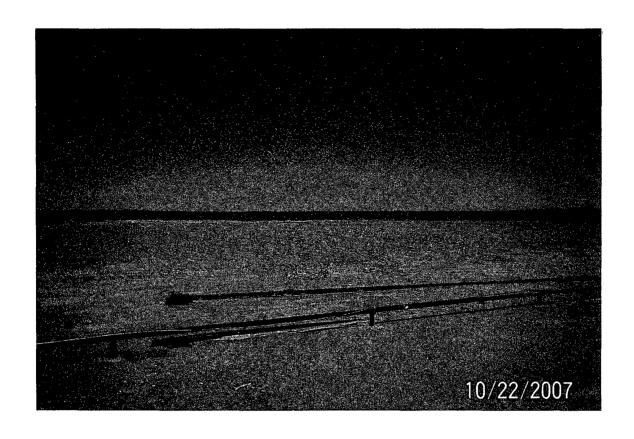














# State of New Mexico Finning Missouls and Natural Resources

Form C-144 June 1, 2004

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District March Access, Astroir, PM 60000
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Santa Fe, NM 87585 Pit or Below-Grade Tank Resistantion or Claume

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Hobbs, New Mexico

Reserve Pit Remediation

## SURFACE PIT CLOSURE PLAN

## PIT PARAMETERS

COMPANY: Mewbourne oil

WELL SITE: Derringer 18 Federal #1

LEGAL DESCRIPTION: Unit C Sec 18 T20s R29e, 660

FNL 1980 FWL, Eddy co.

The reserve pit inset on this leasehold is being permitted to close as per New Mexico OCD "Pit and Below Grade Tank Guidelines" dated November 1, 2004.

This pit was excavated and formed to the dimensions roughly 150' X 150' X 6' deep. A 12 mil membrane liner and pad was used to prevent leakage to the surface soils. A visual examination of the membrane liner indicates that the liner had maintained its integrity.

After the drilling and completion phase of this project, the water phase of the pit contents were pumped and hauled to an approved water injection facility. It is estimated that the volume of solids remaining are to +/- 2800 yards. The remaining Drilling Mud Solids will be removed from the drilling site and transported to an approved disposal site for such materials, as to not contaminate any ground water sources beneath the drilling pit area. The remaining clean soil will be mechanically shaped as to prevent erosion of the well site until vegetation is established. A minimum of 36" of top soil will be used to cover the drilling pit area. This soil must be capable of supporting plant growth. A seed mixture will be used as to conform to local BLM and OCD requirements.

Date: 8/23/2007 Time: 8:09 AM To: 2007342726 @ 915053923085

NMDC P.1/2

NEW MEXICO ONE CALL Locate Request Confirmation

Ticket #:2007342726

Work to Begin Date:

08/27/2007

Reason Code:STANDARD LOCATE Time:

08:05:00 AM

CALLER INFORMATION

MARLAENA LEWIS

NEW MEXICO ENVIRONMENTAL SERVICES

Excavator Type: CONTRACTOR

Tel.: (505) 392-9575

DIG LOCATION

City: RURAL EDDY Subdivision:

Address To:

Street: WELL NAME: DERRINGER 18 FED #001

Nearest Intersecting Street:

Second Intersecting Street :

Additional Dig Information: PIT RECLAMATION FROM 62/180 & E BYPASS IN CARLSBAD GO (E) ON 62/180 FOR 9.0MI T/NORTH ON MAGNUM RD GO 7.0MI T/EAST ON BURTON FLAT RD GO 100FT T/NORTH ON LEASE RD GO 0.9MI T/EAST 0.2MI TO LOCATION.

Remarks: -->SPOT 600FT OF CENTER HOLE.

Township: 20S Range: 29E Section 1/4: 18 SE Section 1/4: 18 SW Range: 29E Township: 20S Township: 20S Range: 29E Section 1/4: 18 NE Township: 20S Range: 29E Section 1/4: 18 NW

Type of Work: OIL/GAS-WELL/PIT REPAIR

The following utility owners have been notified of your proposed excavation site: DCP MIDSTREAM - CARLSBAD ENTERPRISE FIELD SERVICES - CARLSBAD GASCO CARLSBAD MARATHON OIL COMPANY - HOBBS

#### IMPORTANT CONFIRMATION NOTICE

Your fax request has been received and processed. It is your responsibility to review the information provided on this faxback confirmation ticket and ensure it has been correctly interpreted from your request. Notify us immediately of any corrections or errors. Acceptance of this faxback confirmation ticket means you accept responsibility for the accuracy of the information contained in the ticket and you agree to indemnify New Mexico One Call Systems, Inc. of all liability, claims, fees, or damages, including reasonable attorney

08/22/2007 WED 19:29 [TX/RX NO 7457] 2001



6701 Aberdeen Avenue, Suite 9 200 East Sunset Road, Suite E 5002 Basın Street, Suite A1

Lubbock, Texas 79424 El Paso, Texas 79922 Midland, Texas 79703

800 • 378 • 1296 888 • 588 • 3443 806 • 794 • 1296 915 • 585 • 3443 432 • 689 • 6301

817 • 201 • 5260

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

FAX 432 • 689 • 6313 FAX 817 • 560 • 4336

8808 Camp Bowie Blvd West, Suite 180 Ft Worth, Texas 76116 E-Mail lab@traceanalysis.com

Bill To: Mewbourne Oil Company

> P. O. Box 5270 Hobbs, NM 88220

Attn:

Robin Terrell

Invoice No. 25481

Lab Location: Invoice Date:

Payment Due:

2007-10-31

Work Order:

7092715

Project Location: Eddy Cour

Project Name: Derringer 18 Fed #1

Item	Quantity	Matrix	Description	Price	Sub Total
Chloride (24 hr. TAT)	5	soil	137549 - 137553	\$34.00	\$170.00

Payment Terms: Net-30

Total \$170.00

Dr. Blair Leftwich, Director

6701 Aberdeen Avenue, Suite 9 200 East Sunset Road, Suite E 5002 Basın Street, Suite A1 8808 Camp Bowie Blvd West, Suite 180 Ft Worth, Texas 76116

Lubbock, Texas 79424 800 • 378 • 1296 888 • 588 • 3443 Texas 79922 El Paso, Midland, Texas 79703

806 • 794 • 1296 FAX 806 • 794 • 1298 915 • 585 • 3443 FAX 915 • 585 • 4944 432 • 689 • 6301 FAX 432 • 689 • 6313 817 • 201 • 5260 FAX 817 • 560 • 4336

E-Mail lab@traceanalysis.com

## Analytical and Quality Control Report

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

Report Date September 28, 2007

Work Order:

Project Location: Eddy County, NM Project Name: Derringer 18 Fed #1 Project Number: Derringer 18 Fed #1

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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
137549	Q1-8'	soil	2007-09-26	10:00	2007-09-27
137550	Q2-8'	soil	2007-09-26	10:30	2007-09-27
137551	Q3-8'	soil	2007-09-26	11:00	2007-09-27
137552	Q4-8	soil	2007-09-26	11:30	2007-09-27
137553	Q5-8	soil	2007-09-26	12:00	2007-09-27

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.

Standard Flags

 $\,B\,$  -  $\,$  The sample contains less than ten times the concentration found in the method blank

## Case Narrative

Samples for project Derringer 18 Fed #1 were received by TraceAnalysis. Inc. on 2007-09-27 and assigned to work order 7092715. Samples for work order 7092715 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 7092715 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:	137549 -	O1-8
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Analysis. Chloride (Titration) QC Batch 41552Prep Batch: 35904

Analytical Method: SM 4500-Cl B Date Analyzed 2007-09-28 Sample Preparation. 2007-09-28

Prep Method N/A Analyzed By ER Prepared Bv ER

RL

Parameter Flag Result Units Dilution RL0.00 Chloride < 50.0 mg/Kg

#### Sample: 137550 - Q2-8'

Analysis: Chloride (Titration) QC Batch: 41552Prep Batch: 35904

Analytical Method: SM 4500-Cl B Date Analyzed: 2007-09-28 Sample Preparation: 2007-09-28

Prep Method N/A Analyzed By: ER Prepared By: EP

RLFlag Result Units

Parameter Dilution RLChloride 105 mg/Kg 5.00

#### Sample: 137551 - Q3-8'

Analysis Chloride (Titration) QC Batch. 41552 Prep Batch: 35904

Analytical Method: SM 4500-Cl B Date Analyzed: 2007-09-28 Sample Preparation 2007-09-28

Prep Method: N/AAnalyzed By: ER Prepared By:

RLParameter Units Dilution RLFlag Result Chloride 120 mg/Kg 20 5.00

#### Sample: 137552 - Q4-8'

Analysis: Chloride 'Titration) QC Batcn: 41552 Prep Batch 35904

Analytical Method: SM 4500-Cl B Date Analyzed: 2007-09-28 Sample Preparation: 2007-09-28

Prep Methods N/AAnaivzed By: ERPrepared By-ER

RL Parameter Dilution Flag Result Units RL Chloride 229 mg/Kg 20 5.00

#### Sample: 137553 - Q5-8'

Analysis: Chloride (Titration) QC Batch: 41552 Prep Batch. 35904

Analytical Method: SM 4500-Cl B Date Analyzed: 2007-09-28 Sample Preparation: 2007-09-28

Prep Method: N/AAnalyzed By: ERPrepared By: ER

Worl: Order 7092715 Derringer 18 Fed #1 Fage Number: 4 of 5 Eddy County NM

Parameter Chloride			$\begin{array}{cccc} & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & $		Dilution 20	RL 5.00
Method Blank (1)	QC Batch: 41552					
QC Batch: 41552 Prep Batch: 35904		Date Analyzed QC Preparation	2007-09-28 2007-09-28		yzed By: ER ared By: ER	
		М	DL			
Parameter	Flag	Res	sult	Units	RL	
Chloride		<3	.25	mg/Kg	5	

#### Laboratory Control Spike (LCS-1)

 QC Batch:
 41552
 Date Analyzed:
 2007-09-28
 Analyzed Bv:
 ER

 Prep Batch:
 35904
 QC Preparation
 2007-09-28
 Prepared By:
 ER

	LCS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	$\operatorname{Rec}$	Limit
Chloride	101	mg/Kg	ì	100	< 3.25	101	90 - 110

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

	LCSD			$_{ m Spike}$	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Linut
Chioride	100	mg/Kg	1	100	< 3.25	100	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: 137553

QC Batch: 41552 Date Analyzed: 2007-09-28 Analyzed By. ER Prep Batch: 35904 QC Preparation: 2007-09-28 Prepared By. ER

		MS			$_{ m Spike}$	Matrix		Rec
Peram		Result	Units	Dil	Amount	Result	Rec.	Limit
Chloride	1	380	ing/Kg	20	2000	221.359	Ş	84.0 - 117

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

	MSD			Spike	Matrix		Rec		RPD
Parain	Result	Units	Dil.	Amount	Result	Rec	Limit	RPD	Limit
Chloride	<sup>2</sup> 380	mg/Kg	20	2000	221.359	8	84.6 - 117	U	20

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

<sup>&</sup>lt;sup>1</sup>Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control

<sup>&</sup>lt;sup>2</sup>Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Report Dat	е Бертешье	: 28.	2007
Derringer 1	8 Fed #1		

Work Order 7092715 Derringer 18 Fed #1 Page Number 1 of 5 Edgy County, NM

Standard (I	CV-1)
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QC Batch. 41552

Date Analyzed: 2007-09-28

Analyzed By: ER

			ICVs	ICVs	ICVs	Percent	
			True '	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		m mg/Kg	100	100	100	85 - 115	2007-09-28

Standard (CCV-1)

QC Batch: 41552

Date Analyzed: 2007-09-28

Analyzed By. ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzec
Chloride		m mg/Kg	100	100	100	85 - 115	2007-09-28

LAB Order	ID #	709	12	1115

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11.59.1	, ,	

# TraceAnalysis, Inc. email. lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9 Lubbock, Fexas 79474 Tel (896) 794-1296 Fax (206) 794-1298 1 (800) 378-1296 5002 Basin Street Suile A1 Midland, Texas 79703 Tel (432) 689 6301 Fax (432) 689-6313 200 East Sunsel Rd., Suite E El Paso, Texas 79922 Tel (915) 585 3443 Fax (915) 585-4944 1 (888) 588-3443

6015 Harns Play Suito 110 Ft. Worth, Texas 76132 Tel (817) 201-5260

Company Name:    NEW TITLE OF COM party   Address: (Street, City, Zip)	CMCC	Pho	ANALYSIS REQUEST (Circle or Specify Method No.)									
Contact Person.  Invoice to:  (If different from above)  Project #:	<u> </u>	/ 5	ject Name:	Kolera el #1	3260B / 624 260B / 524 TX1005 Ext(C35) //TVHC Or Pb Se Hg 6010B/2007 CG Or Pb Se Hg		of ron standard					
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## TraceAnalysis, Inc.

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email: lab@tracea	analysis.d	com						1	(800)	378-1296										1 (88	38) 5	88-3	443							}
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