

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

OCD copy

September 26, 2007

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

RE: 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		

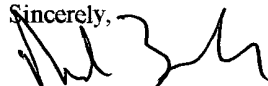
After field tests were performed, Mike Bratcher of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted with no stipulations.

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.

Sincerely,



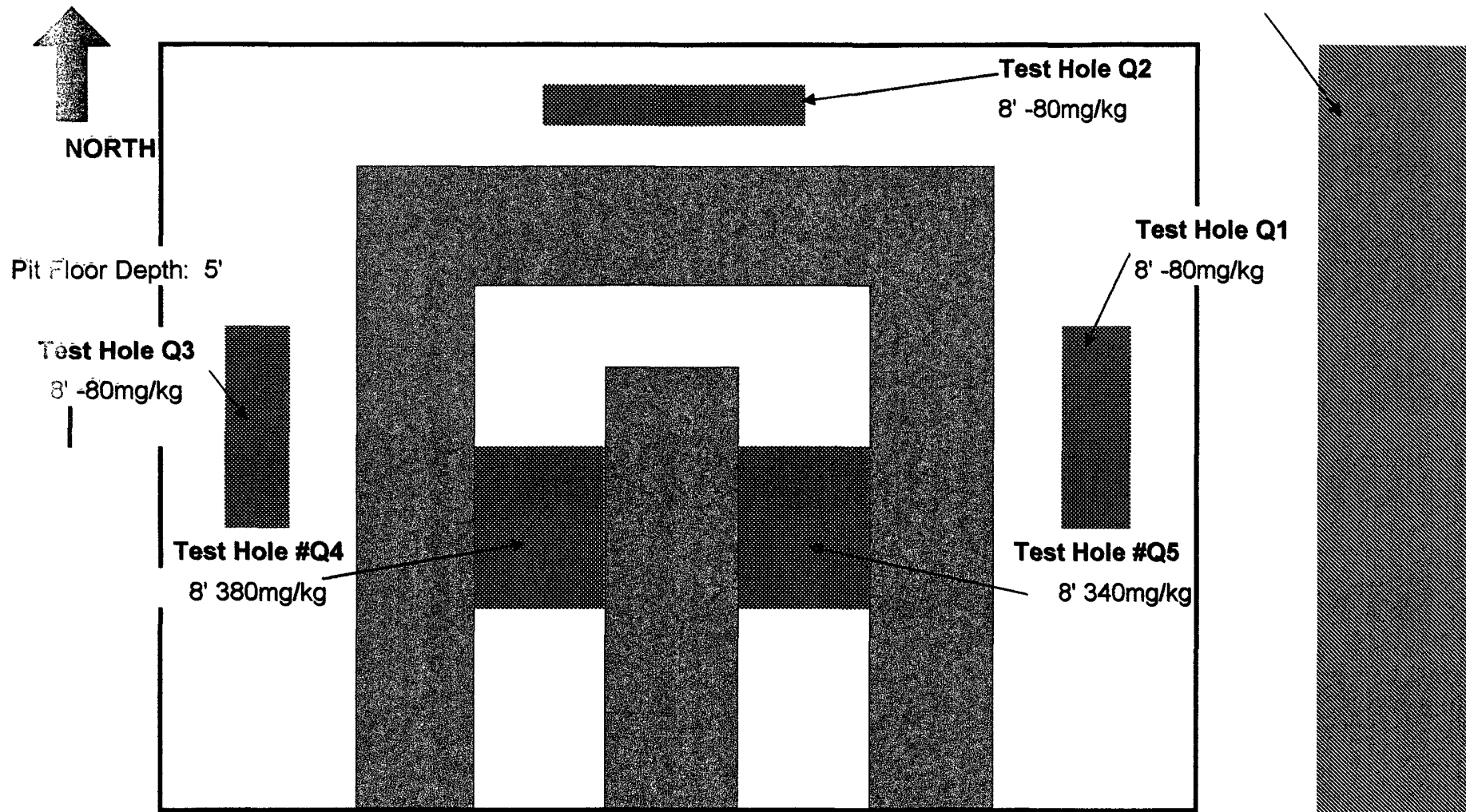
Robin Terrell
Production Engineer

/sjt

Accepted for record
NMOCD

(1)

Derringer 18 Federal 001
Field Results
Floor 9-26-07



Detail
MESA Ranch Dr., Hobbs, NM 88240
District II
1220 S. St. Francis Dr., Santa Fe, NM 87505
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For the Oil and Gas Conservation Division, subject to appropriate NMOC approval.
For the Conservation Division, subject to Santa Fe office.

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general permit"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>Mesa Ranch Oil Co.</u> Telephone: <u>(505) 973-5905</u> e-mail address: _____		
Address: <u>P.O. Box 5270, Hobbs, NM 88241</u>		
Facility or well name: <u>Derringer 18 Feb #1</u> N.M. # <u>30-015-34362</u> U.S. # <u>C</u> Sec. <u>18</u> T. <u>2S</u> R. <u>29E</u>		
County: <u>Eddy</u> Latitude <u>33° 34' 41.2"</u> Longitude <u>101° 46' 56.4"</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: <u>Refined</u> <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Wellbore: <input type="checkbox"/> Emergency <input type="checkbox"/> Liner: <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12 mil</u> Clay <input type="checkbox"/> Pit Volume: <u>100</u>	Below-grade tank Volume: <u>100</u> Type of tank: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to nearest high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points)	20
Wellhead protection area: (Less than 200 feet from private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points)	0
Ranking Score (Total Points)		20

If this is a tank closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the circle but if you are keeping in place) circle ☐ circle ☒ If circle, name of facility: CRT. (3) Attach a general description of recorded action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface N/A ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and numbers.

Additional Comments: Refer to Attached Pit Closure Plan

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above described pit or below-grade tank has been fully constructed or closed according to NMOC regulations ☒ a general permit ☐ or on (attached) alternative OCD-approved plan ☐.

Date: 5/24/07

Printed Name/Title: Dusty L. Wilson / Field Agent

Your certification and NMOC approval of this application does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approved:

Printed Name/Title:

Signature: [Signature]

Date: 6/5/07

Notify OCD 24 hours prior to beginning pit closure.

Samples are to be obtained from pit area and analysis submitted to NMOC prior to back-filling

(6)

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

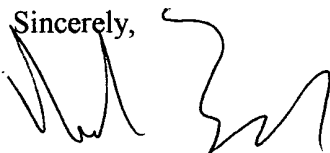
August 24, 2007

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,

A handwritten signature in black ink, appearing to read 'Robin Terrell', with a stylized flourish extending to the right.

Robin Terrell

Valley Energy Services, Inc.

Invoice

PO Box 207
Loving, NM 88256

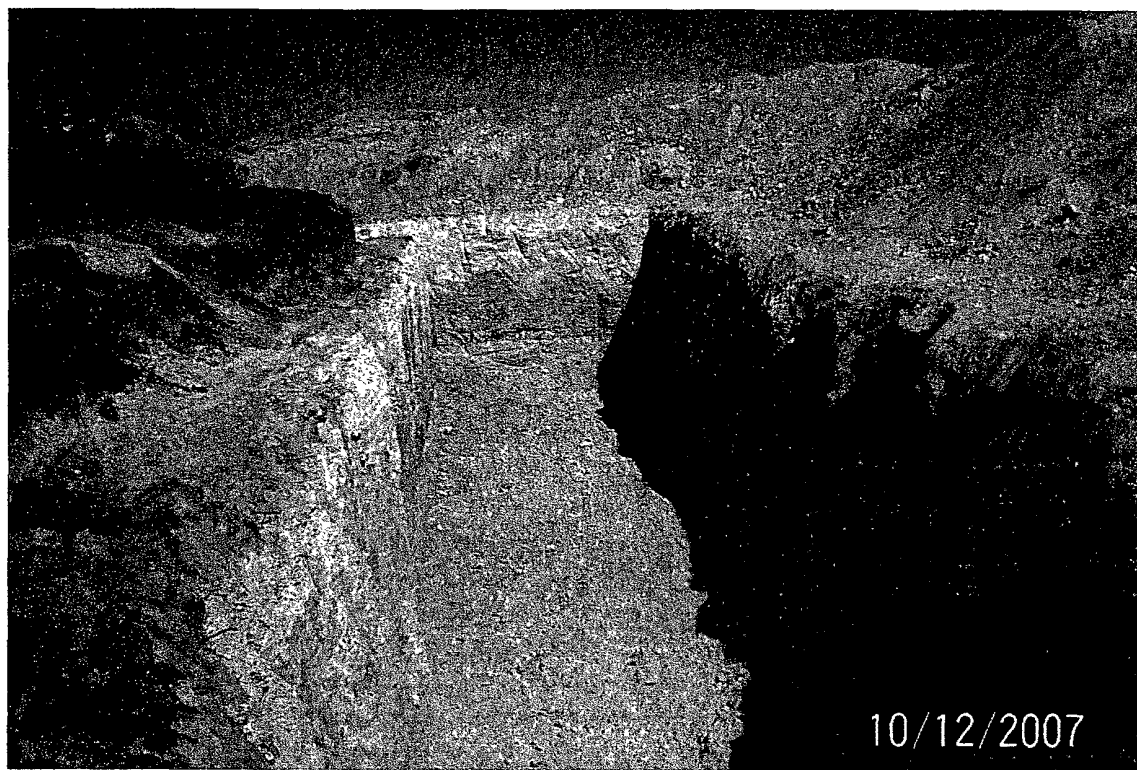
Date	Invoice #
9/26/2007	622

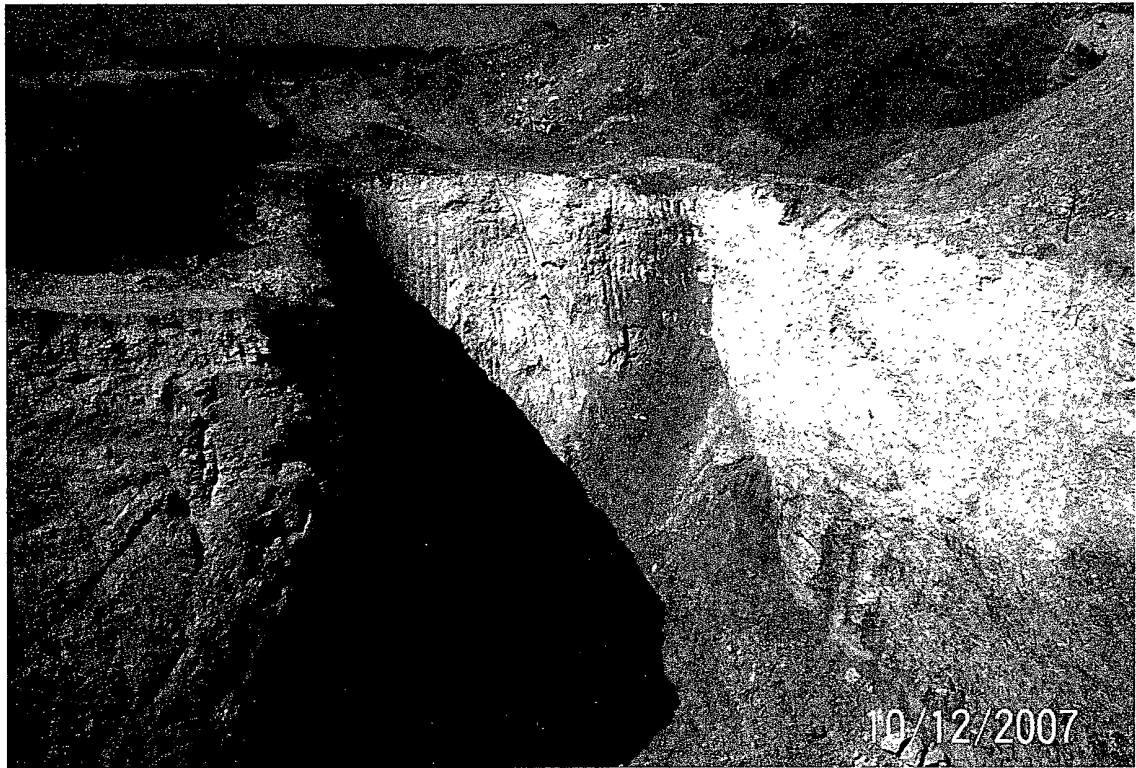
Bill To
Mewbourne Oil Company Robin Terrell PO Box 5270 Hobbs, NM 88241

Terms	Rep
Due on receipt	SJT

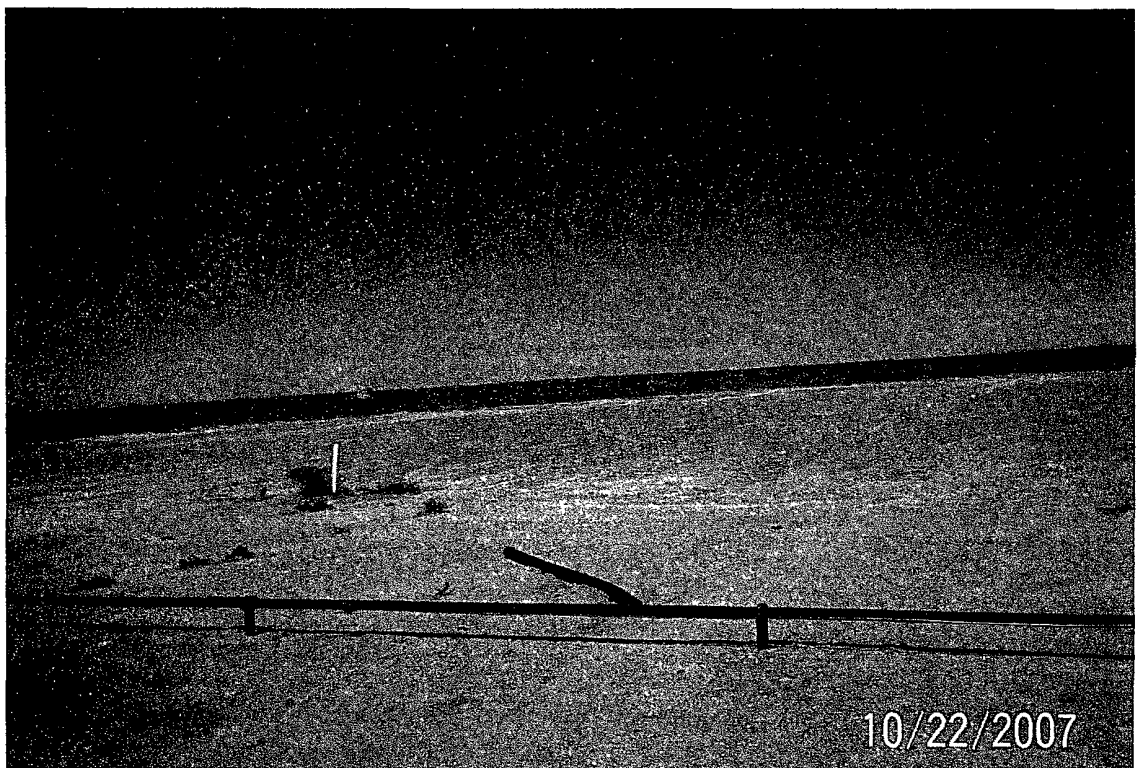
Location
Derringer 18 Federal 001

Quantity	Item Code	Description	Price Each	Amount
3	Enviro Sampling	pulled infield samples for delineation, contacted Mike Bratcher with NMOCD - approval to close	65.00	195.00T
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%	17.68
			Total	\$297.68









District I
1625 N. French Dr., Hobbs, NM 88240
District II
1704 W. Grand Avenue, Artesia, NM 87003
District III
1800 S. Brown Blvd., Santa Fe, NM 87505
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

OCD Construction Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

For all other and jurisdiction facilities, subject to
agreements with the Department of Energy, Minerals and
Natural Resources, subject to Santa Fe
office

Form C-144
June 1, 1984

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "ground plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>Newbourn Oil Co.</u> Telephone: <u>(505) 933-5905</u> Teletype: <u>_____</u>	
Address: <u>P.O. Box 5270, Hobbs, NM 88241</u>	
Facility or well name: <u>Derringer 18 Fed #1</u> N/E: <u>30-015-34362</u> U/L or Q/L: <u>C</u> Sec: <u>18</u> T: <u>25</u> R: <u>27E</u>	
County: <u>Elly</u> Latitude: <u>N32° 54' 44.2"</u> Longitude: <u>W106° 46' 52.4"</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>	
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
EX Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Wellbore: <input type="checkbox"/> Emergency <input type="checkbox"/> Liner: <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness: <u>12</u> mil City <input type="checkbox"/> FH Volume: <u>_____</u> gal	
Below-grade tank Volume: <u>_____</u> gal Type of tank: <u>_____</u> Construction material: <u>_____</u> Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If not, explain why not: <u>_____</u>	
Depth to ground water (vertical distance from bottom of pit to nearest high water elevation of ground water.)	Less than 30 feet (30 points) 30 feet or more, but less than 100 feet (30 points) <u>20</u> 100 feet or more (0 points)
Wellhead protection area: (Less than 200 feet from private domestic water source, or less than 1000 feet from all other water sources.)	Yes (30 points) No (0 points) <u>0</u>
Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (30 points) 200 feet or more, but less than 1000 feet (30 points) <u>0</u> 1000 feet or more (0 points)
Running Score (Total Points) <u>20</u>	

If this is a well closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the circle but if you are burying in place) circle ☐ offsite ☒ If offsite, name of facility: CRI. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater concentration: No ☒ Yes ☐ If yes, show depth below ground surface: N/A ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample location and orientation.

Additional Comments:

Refer to Attached Pit Closure Plan

Newbourn Drilled Water test hole for Water Depth.
Approved for Deep burying According to Robin Turcott w/
Newbourn Oil.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/ will be constructed or closed according to NMOCDC guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Date: 5/24/07

Printed Name/Title:

Dusty L. Wilson / Field Agent

Your certification and NMOCDC approval of this application does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of the responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approved:

Printed Name/Title:

Signature: Mike Bennett

Date: 6/6/07

Notify OCD 24 hours prior to beginning pit closure.

Samples are to be obtained from pit area and analysis submitted to NMOCDC prior to back-filling

(2)

New Mexico Environmental Services

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.

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 SERVICESExcavator 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
Township: 20S Range: 29E Section 1/4: 18 SW
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] 001

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

E-Mail lab@traceanalysis.com

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

Bill To: Mewbourne Oil Company

P. O. Box 5270

Hobbs, NM 88220

Attn: Robin Terrell

Invoice No. 25481



Lab Location: Lubbock

Invoice Date: 2007-10-01

Payment Due: 2007-10-31

Work Order: 7092715



Project Location: Eddy County, NM

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

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

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

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: 7092715



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

Sample	Description	Matrix	Date Taken	Time Taken	Date 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.

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 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 - Q1-8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	41552	Date Analyzed:	2007-09-28	Analyzed By:	ER
Prep Batch:	35904	Sample Preparation:	2007-09-28	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<50.0	mg/Kg	10	5.00

Sample: 137550 - Q2-8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	41552	Date Analyzed:	2007-09-28	Analyzed By:	ER
Prep Batch:	35904	Sample Preparation:	2007-09-28	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		105	mg/Kg	20	5.00

Sample: 137551 - Q3-8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	41552	Date Analyzed:	2007-09-28	Analyzed By:	ER
Prep Batch:	35904	Sample Preparation:	2007-09-28	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		120	mg/Kg	20	5.00

Sample: 137552 - Q4-8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	41552	Date Analyzed:	2007-09-28	Analyzed By:	ER
Prep Batch:	35904	Sample Preparation:	2007-09-28	Prepared By:	ER

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

Sample: 137553 - Q5-8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	41552	Date Analyzed:	2007-09-28	Analyzed By:	ER
Prep Batch:	35904	Sample Preparation:	2007-09-28	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		221	mg/Kg	20	5.00

Method Blank (1) QC Batch: 41552

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

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

Laboratory Control Spike (LCS-1)

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

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec	Rec. Limit
Chloride	101	mg/Kg	1	100	<3.25	100	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	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

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 380	mg/Kg	20	2000	221.359	8	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	² 380	mg/Kg	20	2000	221.359	8	84.6 - 117	0	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: 41552

Date Analyzed: 2007-09-28

Analyzed By: ER

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	2007-09-28

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 Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-09-28

TraceAnalysis, Inc.

email. lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
T (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
T (888) 588-3443

6015 Harris Pkwy Suite 110
Ft. Worth, Texas 76132
Tel (817) 201-5260

Company Name: Newbould Oil Company (MCC) Phone #: _____
 Address: Libbs NM 88940 Fax #: _____
 Contact Person: Robin Terrell E-mail: Shelly + Robin
 Invoice to: _____
 (If different from above)
 Project #: _____ Project Name: Dewinger 18 Field #1
 Project Location (including state): Eddy County NM Sampler Signature: Shelly Terrell

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		TIME	
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE			
137519	Q1 - 8'	1	10L	X									X	9.26.07		1600	MTBE 8021B / 602 / 8280B / 624 BTEX 8021B / 602 / 8280B / 624 TPH 4' 8' / TX1005 / TX1005 Ext(C35) TPH 8015 GRO / DRO / TVHC PAH 8270C / 625 Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/2007 TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCI GC/MS Vol. 8290B / 624 GC/MS Semi Vol. 9270C / 625 PCB's 3082 / 603 Pesticides 3081A / 608 BOD, TSS, pH Moisture Content <u>Conductivity</u>
50	Q2 - 8'	1		X									X	9.26.07		1230	
51	Q3 - 8'	1		X									X	9.26.07		1100	
52	Q4 - 8'	1		X									X	9.26.07		1130	
53	Q5 - 8'	1	40L	X									X	9.26.07		1200	

Relinquished by: Shelly Terrell Date: 9.26.07 Time: 430 Received by: UPS Date: 9.26.07 Time: 430
 Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____ Received at Laboratory by: Shelly Terrell Date: 9.26.07 Time: 930

LAB USE ONLY

Intact Y / N
 Headspace Y / N
 Temp 22
 Log-in/Review _____

REMARKS:

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # UPS 1Z7627462221004621

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: Mawbourne Oil Company (MOC)	Phone #:
Address: (Street, City, Zip) Hobbs, NM 88240	Fax #:
Contact Person: Robin Terrell	E-mail: Shelly + Robin
Invoice to: (If different from above)	
Project #:	Project Name: Derringer 18 Fed #1
Project Location (including state): Eddy County NM	Sampler Signature: Shelly Terrell

ANALYSIS REQUEST
(Circle or Specify Method No.)

[illegible]

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<i>Shirley J. Judd</i>	<i>9-26-07</i>	<i>4:30</i>	<i>UPS</i>	<i>9-26-07</i>	<i>4:30</i>
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			<i>S. L. G. N. H. L.</i>	<i>09-27-07</i>	<i>9:30</i>

LAB USE ONLY		REMARKS: <i>9-28-FED</i>
Intact	<i>Y</i> / <i>N</i>	
Headspace	<i>Y</i> / <i>N</i>	
Temp	<i>22</i> °C	
Log-in-Review	<i>MA</i>	
		<input type="checkbox"/> Dry Weight Basis Required
		<input type="checkbox"/> TRRP Report Required
		<input type="checkbox"/> 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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