

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

November 9, 2007

OLD

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

RE: White Thorn 26 State Com 001 - Final Pit Closure

White Thorn 26 State Com 001	Depth to Ground Water: 100'
API: 30-015-35530	Planned Analytical Testing: Chlorides
Sec 26-T19S-R27E	Site Ranking Score: 0 (zero)
0660' FSL & 1700' FEL	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	12' 1000mg/kg 14' 1000mg/kg 17' 710mg/kg 20' 300mg/kg	Q2	12' 180mg/kg	Q3	12' 200mg/kg
Q4	12' 3000mg/kg 15' 1550mg/kg 18' 2410mg/kg 21' 180mg/kg	Q5	12' 200mg/kg		

NOTE: CLAY DETECTED AT 20'

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 stipulation:


Due to the impact in Section "Q4", the impacted material needs to be removed down to 15' and placed in the lined Insitu trench.

Pursuant to NMOCD Pit Rule 50, the impacted material in Section "Q4" was removed and placed into the lined Insitu trench; a 20mil liner was placed on top of the Insitu trenches to seal in the impacted soils and the stiffened drill cuttings. 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,


Robin Terrell
Production Engineer

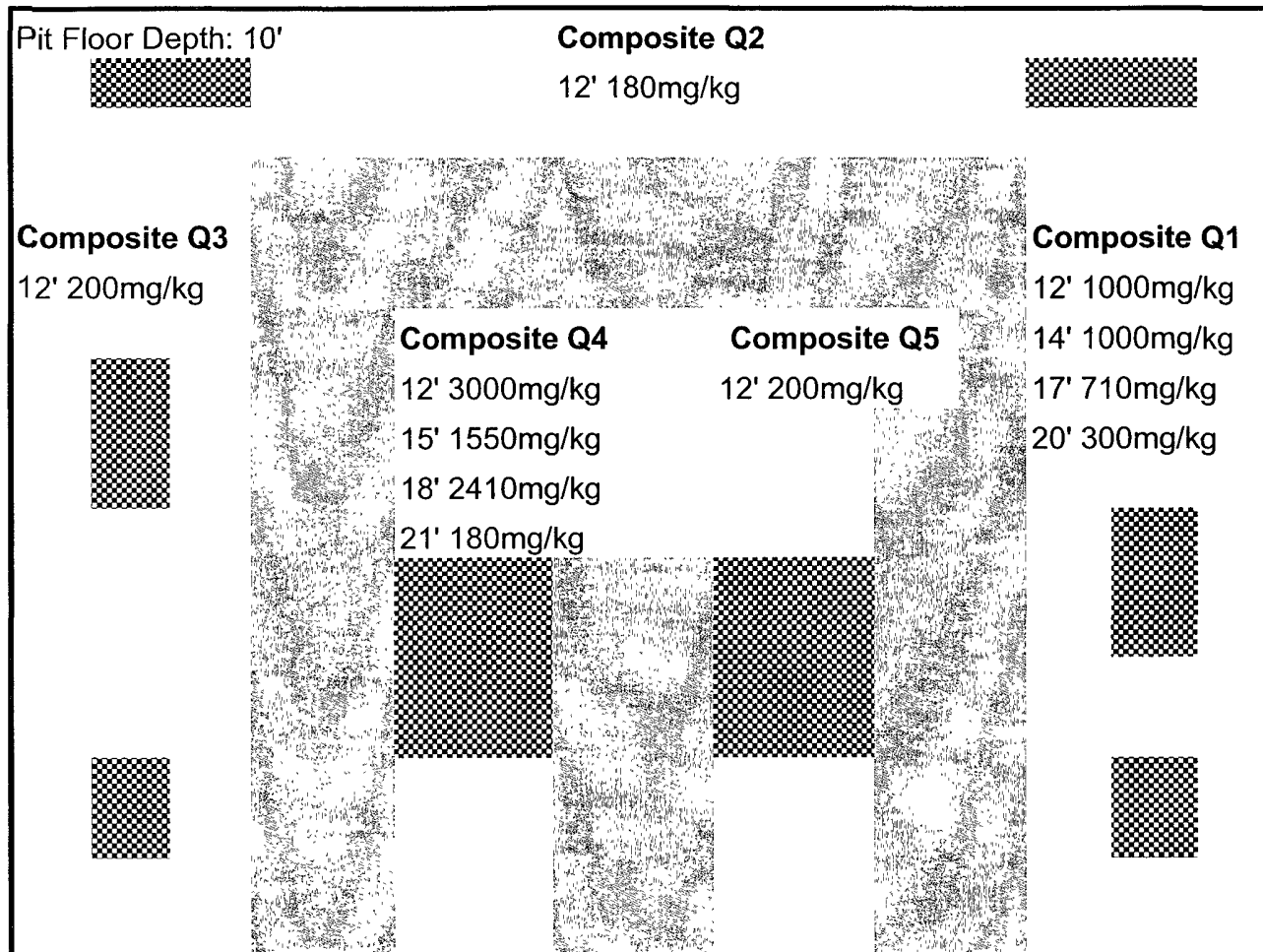
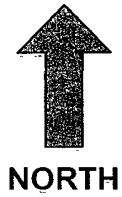
Accepted for record
NMOCD

JAN 10 2008

(11)

White Thorn 26 State Com 001
Field Results
Floor 11-09-07

Lined
Burial
Trench



Valley Energy Services, Inc.

PO Box 207
Loving, NM 88256

Invoice

Date	Invoice #
11/9/2007	656

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

Terms	Rep
Due on receipt	SJT

Location
White Thorn 26 State Com...

Quantity	Item Code	Description	Price Each	Amount
4	Enviro Sampling	pulled infield analysis for delineation, approval for closure was granted by Mike Bratcher of the NMOCD	70.00	280.00T
0.75	Enviro Reports		70.00	52.50T
0.5	Enviro misc	prepared, packaged and sent samples to Trace Analysis for official analyticals	70.00	35.00T
42	Mileage Charge		0.50	21.00T
		New Mexico Sales Tax	6.3125%	24.52
			Total	\$413.02

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

Bill To: Mewbourne Oil Company
P. O. Box 5270
Hobbs, NM 88220

Attn: Robin Terrell

Invoice No. 26447



Lab Location: Lubbock

Invoice Date: 2007-11-21

Payment Due: 2007-12-21

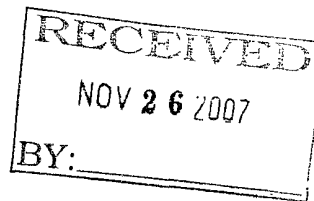
Work Order: 7111102
Project Location: Sec 26-T19S-R27E Eddy County, NM
Project Name: White Thorn 26 St 001
Project Number: API 30-015-35530

Item	Quantity	Matrix	Description	Price	Sub Total
Chloride/48Hr RUSH	5	soil	142548 - 142552	\$29 75	\$148.75

Payment Terms: Net-30

Total \$148.75

Dr. Blair Leftwich, Director



Summary Report

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

Report Date: November 20, 2007

Work Order: 7111102



Project Location: Sec 26-T19S-R27E Eddy County, NM
Project Name: White Thorn 26 St 001
Project Number: API 30-015-35530

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
142548	Q1 20'	soil	2007-11-09	10:00	2007-11-10
142549	Q2 12'	soil	2007-11-09	10:15	2007-11-10
142550	Q3 12'	soil	2007-11-09	10:30	2007-11-10
142551	Q4 21'	soil	2007-11-09	11:50	2007-11-10
142552	Q5 12'	soil	2007-11-09	11:00	2007-11-10

Sample: 142548 - Q1 20'

Param	Flag	Result	Units	RL
Chloride		418	mg/Kg	5.00

Sample: 142549 - Q2 12'

Param	Flag	Result	Units	RL
Chloride		72.0	mg/Kg	5.00

Sample: 142550 - Q3 12'

Param	Flag	Result	Units	RL
Chloride		670	mg/Kg	5.00

Sample: 142551 - Q4 21'

Param	Flag	Result	Units	RL
Chloride		404	mg/Kg	5.00

Sample: 142552 - Q5 12'

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296
This is only a summary. Please, refer to the complete report package for quality control data.

Report Date: November 20, 2007
API 30-015-35530

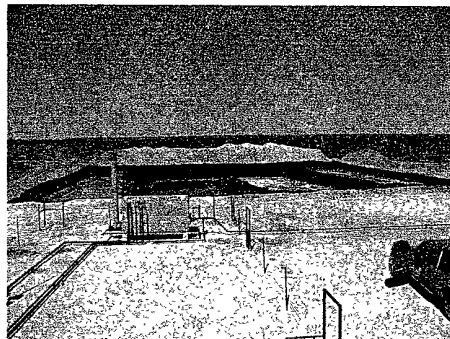
Work Order: 7111102
White Thorn 26 St 001

Page Number: 2 of 2
Sec 26-T19S-R27E Eddy County, NM

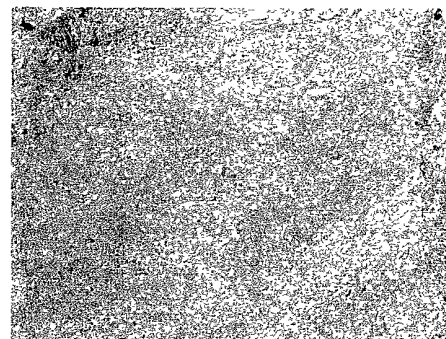
Param	Flag	Result	Units	RL
Chloride		54.0	mg/Kg	5.00



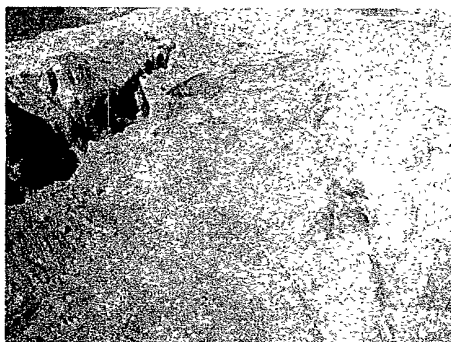
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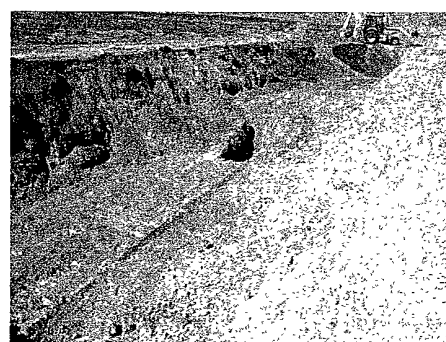
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11/13/2007 5:04:03 PM

Photo's taken by TNT Backhoe Service

District I
625 N. French Dr., Hobbs, NM 88240
District II
301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

OCT 19 2007

OCD-ARTESIA

Operator: **Mewbourne Oil**

Telephone: **(505)-393-5905** e-mail address: _____

Address: **701 S. Cecil (P.O. Box 5270) Hobbs, NM 88241**

Facility or well name: **White Thorn 26 State Com. #1** API #: **3001535530** U/L or Qtr/Qtr _____ Sec **26** T **19 S** R **27 E**

County: **Eddy**

Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐

Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

Pit
Type: Drilling ☒ Production ☐ Disposal ☐
Workover ☐ Emergency ☐
Lined ☒ Unlined ☐
Liner type: Synthetic ☐ Thickness _____ mil Clay ☐
Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____
Construction material: _____
Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) XXXX (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) XXXX
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) XXXX
Ranking Score (Total Points)		10 Points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility: _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Work Plan for closure of drilling pit. The drilling pit contents will be mixed to stiffen the pit contents. An encapsulation trench will be excavated and lined with a 12 mil synthetic liner next to existing drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil synthetic liner will then be placed over the pit contents with a minimum of a 3' over lap of the underlying trench area. Then encapsulation trench will then be backfilled back to grade using a minimum of 3' of clean soil and like material. A one call and 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

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 NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: **OCT 19 2007**

Printed Name/Title: **QUIN R. HIGDON, DEPUTY BACKLOG** Signature: **Quin R. Higdon DBA** TAT Backlog Serv

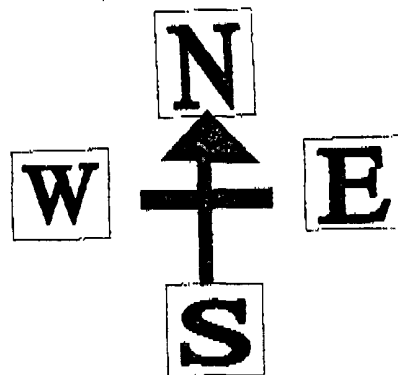
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with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

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

Signature: **Mike Brannon** Signed By: _____ Date: **OCT 19 2007**
If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.

Mewbourne Oil

White Thorn "26" State Com. #1



140' X 140'

Drilling Pit

Encapsulation
Trench

60'

X (Well)