

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 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

Form C-144  
June 1, 2004

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 ☒

Operator: Mewbourne Oil Company Telephone: 505-393-5905 e-mail address: kgreen@mewbourne.com

Address: P. O. Box 5270 Hobbs, NM 88241

Facility or well name: Chaparral 8 State #1 API #: 30-025-38448 U/L or Qtr/Qtr F Sec 8 T 21S R 35E

County: Lea Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ NAD: 1927 ☐ 1983 ☒

Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

**Pit**

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐

Pit Volume 24000 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ If not, explain \_\_\_\_\_

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MAR 10 2008

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)

(0 points) XXX

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) XXX

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) XXX

Ranking Score (Total Points)

0 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: All excess water will be removed. A burial pit will be constructed and lined with a 12mil impervious liner. The drilling pit contents will be mixed with dry soil to stiffen the contents then placed in the burial pit. The burial pit will be capped with a 20 mil impervious liner with a minimum of 3 ft. overlap on all sides and a minimum of 3 ft. below ground level then backfilled with clean native soil. The drilling pit will be sampled per NMOCD guidelines before backfill. A final report will be submitted at the completion of the job.

NMOCD Hobbs will be notified 48 hrs before sampling of drilling pit.

Work to begin on 3-11-08.

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: 3-7-08

Printed Name/Title Logan Anderson - Agent

Signature \_\_\_\_\_

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.

Approval:

Printed Name/Title \_\_\_\_\_

Signature \_\_\_\_\_

**ENVIRONMENTAL ENGINEER**

Date: 3-12-08



March 27, 2008

Chris Williams  
NMOCD District 1 Office  
1625 N. French Dr  
Hobbs, New Mexico 88240

AMARILLO  
921 North Bivins  
Amarillo, Texas 79107  
Phone 806.467.0607  
Fax 806.467.0622

AUSTIN  
3003 Tom Gary Cove  
Building C-100  
Round Rock, Texas 78664  
Phone 512.989.3428  
Fax 512.989.3487

MIDLAND  
#9 East Industrial Loop  
Midland, Texas 79701  
Phone 432.522.2133  
Fax 432.522.2180

NEW BRAUNFELS  
707 N. Walnut Ave.  
Suite 208  
New Braunfels, Texas 79130  
Phone 210.579.0235  
Fax 210.568.2191

TULSA  
9906 East 43rd Street, Ste. G  
Tulsa, OK 74146  
Phone 918.742.0871  
Fax 918.742.0876

HOBBS  
318 East Taylor Street  
Hobbs, New Mexico 88241  
Phone 505.393.4261  
Fax 505.393.4658

ENVIRONMENTAL CONSULTING  
ENGINEERING  
DRILLING  
CONSTRUCTION  
EMERGENCY RESPONSE

RE: ~~NEWBORNE~~  
Chaparral 8 State 001 - Final Pit Closure

**Chaparral 8 State 001**  
API: 30-025-38448  
Sec 8-T21S-R35E  
1980'FNL & 1650'FWL

Depth to Ground Water: 100-125'  
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	10' 125mg/kg	Q2	10' - 100mg/kg	Q3	10' -100mg/kg
Q4	10' -100mg/kg	Q5	10' 125mg/kg		

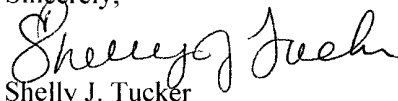
After field tests were performed, Chris Williams of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted without any stipulations.

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 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 505-706-9121 with any questions or concerns.

Sincerely,

  
Shelly J. Tucker  
Project Manager  
Talon/LPE

DEEP  
BURY

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MAR 28 2008

HOBBS OCD

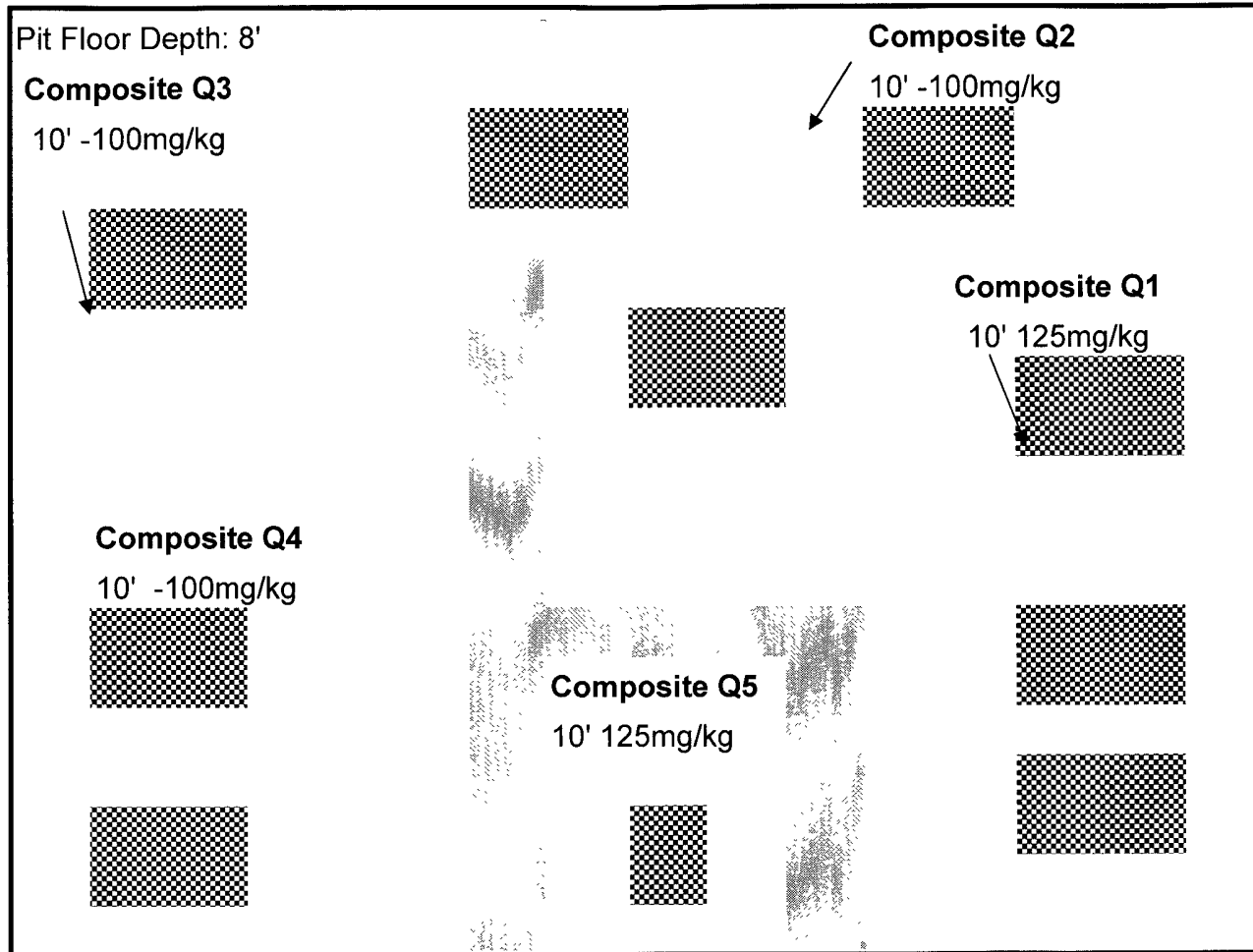
Mewbourne Oil Company – Chaparral 8 State 001

Toll Free: 866.742.0742  
www.talonlpe.com

Chaparral 8 State 001  
Field Results  
Floor 03/20/08

Lined  
Burial  
Trench

  
NORTH



## Summary Report

Shelly Tucker  
Talon LPE-Hobbs  
318 E Taylor  
Hobbs, NM, 88240

Report Date: March 27, 2008

Work Order: 8032521



Project Location: Lea County, NM  
Project Name: Chaparral 8-1  
Project Number: MEWBOU016PIT

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
154565	Q5-10'	soil	2008-03-20	12:20	2008-03-25
154566	Q4-10'	soil	2008-03-20	12:00	2008-03-25
154567	Q3-10'	soil	2008-03-20	11:40	2008-03-25
154568	Q2-10'	soil	2008-03-20	11:20	2008-03-25
154569	Q1-10'	soil	2008-03-20	11:00	2008-03-25

### Sample: 154565 - Q5-10'

Param	Flag	Result	Units	RL
Chloride		117	mg/Kg	2.00

### Sample: 154566 - Q4-10'

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

### Sample: 154567 - Q3-10'

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

### Sample: 154568 - Q2-10'

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

### Sample: 154569 - Q1-10'

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: March 27, 2008  
MEWBOU016PIT

Work Order: 8032521  
Chaparral 8-1

Page Number: 2 of 2  
Lea County, NM

Param	Flag	Result	Units	RL
Chloride		<b>116</b>	mg/Kg	2.00