

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  
March 12, 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: PO Box 5270 Hobbs, NM 88240

Facility or well name: Pecos River 9 #1 API #: 30-015-33534 U/L or Qtr/Qtr Unit I Sec 9 T22S R27E

County: Eddy Latitude N32-24-16.9 Longitude W104-11-20.8 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 ☐ Volume  
24,000 bbl

**Below-grade tank**

Volume:        bbl Type of fluid:       

Construction material:       

Double-walled, with leak detection? Yes ☐ If not, explain why not.       

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FOR ARTESIA

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 x

(20 points) X  
(10 points)  
(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 X

(20 points)  
(0 points) X

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 X

(20 points)  
(10 points)  
(0 points) X

**Ranking Score (Total Points)**

10 - 20 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:

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: Closure plan for drilling pit. An encapsulation trench will be constructed and lined with 12 mil synthetic liner next to existing pit. The drilling pit contents will be excavated and emplaced into the encapsulation trench using a mixture of 250 pounds of CKD or Class H Bulk Cement per one yard of pit material. The emulsion of pit material and cement will be mixed using a track hoe and water added if needed. After completion of solidifying pit material in cement and pit contents have set in place for a minimum of 24 hours, the encapsulation trench will then be capped using a 20 mil synthetic liner and backfilled to grade using a minimum of 3' of like material and clean soil. A one call and 48 hour notification to OCD will be made before pit closure begins.

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: 11/14/05

Printed Name/Title Kristi Green / Hobbs Regulatory Asst

Signature Kristi Green

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:

Date:       

Printed Name/Title       

Please see attached  
stipulations and/or  
requirements:

USGS information  
shows this area to be  
water sensitive.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

## MINIMUM REQUIREMENTS FOR SOLIDIFICATION

1. A diagram of where the deep trench(s) will be located must be provided along with application for closure.
2. A detailed work plan of how the cuttings will be solidified must be provided. This plan must be provided along with application for closure. **Plan must include:**
  - a. How the cuttings will be mixed or stirred.
  - b. Solidification agent to be used.
  - c. What the solidification/pit content ratio will be. How will the ratio be monitored?
  - d. Fluids to be introduced, if any.
  - e. Quality control measures.
3. A minimum of three representative samples must be taken from pit contents prior to any work. These samples must be stored in a closed container.
4. Each stage or section being mixed must be sampled in the following manner prior to transferring the slurry to the deep trench:
  - a. One sample of the slurry must be taken at the beginning of the transference and stored in a closed container.
  - b. One sample of the slurry must be taken at the beginning of the transference and stored in an open container.
  - c. One sample of the slurry must be taken at the end of the transference and stored in a closed container.
  - d. One sample of the slurry must be taken at the end of the transference and stored in an open container.
5. All samples must be stored in environmentally approved containers.
6. All samples along with associated paperwork must be delivered to the OCD District II office located in Artesia at 1301 West Grand Ave. within three days of closure.
7. Additional sampling may be required on specific sites. This will be determined on a case-by-case basis.