

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

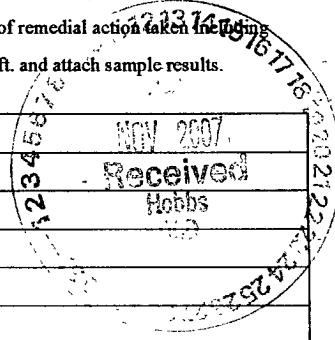
Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

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

Operator: <u>Mewbourne Oil</u> Telephone: <u>(505) 393-5905</u> e-mail address: _____		
Address: <u>P.O. Box 5270 Hobbs NM 88241</u>		
Facility or well name: <u>Quail Hollow 20 State #1</u> API #: <u>30-025-38247</u> U/L or Qtr/Qtr <u>J</u> Sec <u>20</u> T <u>21S</u> R <u>35E</u>		
County: <u>Lea</u> Latitude <u>N32°27'45.2"</u> Longitude <u>W103°23'16.7"</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b>		
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>		
Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>		
Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/>		
Pit Volume _____ bbl		
<b>Below-grade tank</b>		
Volume: _____ bbl Type of fluid: _____		
Construction material: _____		
Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>~ 50'</u>	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (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.) <u>No</u>	Yes No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) <u>200 feet or more, but less than 1000 feet</u>	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		<u>20</u>

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 N/A. (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 N/A ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: <u>Refer to Attached pit Closure Plan</u>
<u>Dig &amp; Haul</u>



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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		
Date: <u>10/12/07</u>		
Printed Name/Title: <u>Dusty L. Wilson / Field Supervisor</u>	Signature: <u>[Signature]</u>	
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: <u>[Signature]</u>	Date: <u>11.13.07</u>
ENVIRONMENTAL ENGINEER		

# **New Mexico Environmental Services**

**Hobbs, New Mexico**

*Reserve Pit Remediation*

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## **SURFACE PIT CLOSURE PLAN**

### **PIT PARAMETERS**

COMPANY: Mewbourne oil

WELL SITE: Quail Hollow 20 State Com #1

LEGAL DESCRIPTION: Unit J Sec 20 T21s R35e, 1980  
FSL 1980 FEL, Lea 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.

# LOCATION DIAGRAM

Mewbourne Oil, Quail Hollow State com #1  
API #30-025-38247  
V-DOOR East

