

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

Form C-144  
June 1, 2004

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 ☐

Operator: <u>PURVIS OPERATING CO.</u> Telephone: <u>432-682-7346</u> e-mail address: <u>eng@purvisop.com</u>		
Address: <u>P O BOX 51990, MIDLAND, TX 79710-1990</u>		
Facility or well name: <u>ESPERANZA 22 STATE COM #2</u> API #: <u>30-015-33555</u> U/L or Qtr/Qtr <u>L</u> Sec <u>22</u> T <u>21S</u> R <u>27E</u>		
County: <u>Eddy</u> Latitude <u>N 32° 27' 49.2"</u> Longitude <u>W 104° 11' 03.1"</u> NAD: 1927 <input checked="" 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"/>		
<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 <u>2000</u> 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. _____	<b>RECEIVED</b> <b>DEC 15 2005</b> <b>OCU-ARTESIA</b>
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 <input checked="" type="checkbox"/> 100 feet or more	(20 points) (10 points) 10 (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 <input checked="" type="checkbox"/>	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more <input checked="" type="checkbox"/>	(20 points) (10 points) (0 points) 0
<b>Ranking Score (Total Points)</b>		<b>10</b>

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:	This is to Amend the C-144 dated November 29, 2005. Plans are to re-enter this well in 2006. Squeeze off the Wolfcamp perforation and deepen to 11,800' to test the Morrow. We request that the present reserve pit remain open until we finish testing the Morrow formation.

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: December 13, 2005

Printed Name/Title DONNIE E. BROWN, P. E.

Signature

*Donnie E. Brown*

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:

**DENIED**

*See Attachment*

Printed Name/Title

Signature

Date: 4/3/06



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

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

Director

**Oil Conservation Division**

Purvis Operating Co.  
PO Box 51990  
Midland TX 79710-1990

February 3, 2006

Reference: Esperanza 22 State Com 002    L-22-21s-27e    API: 30-015-33555

Operator,

Your request to leave drilling pit open for use in deepening the well is denied. An inspection of the site by OCD personnel on 11/14/05 identified a breach in the liner, debris in the pit and oil on the surface of the fluids in the pit. Please submit a closure plan for this pit or an alternative proposal no later than February 15, 2006.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Bratcher".

Mike Bratcher

NMOCD District II

1301 W. Grand Ave.

Artesia, NM 882210

(505) 748-1283 Ext 108

(505) 626-0857

[Mike.Bratcher@state.nm.us](mailto:Mike.Bratcher@state.nm.us)