

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

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: <b>Southwestern Energy Production Co.</b> Telephone: <b>(281) 618-4887</b> e-mail address: <b>martha_howard@swn.com</b>	
Address: <b>2350 N Sam Houston Parkway East, Suite 300 Houston, Texas 77032</b>	
Facility or well name: <b>KARLSBAD PITAL 2#5H</b> API #: <b>30-015-35820</b> U/L or Qtr/Qtr: <b>SW</b> Sec: <b>2</b> T: <b>255</b> R: <b>29E</b>	
County: <b>Eddy</b> Latitude: <b>N 32° 09.155'</b> Longitude: <b>W 103° 57.707'</b> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>	
Surface Owner: Federal <input type="checkbox"/> State <input checked="" 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: <b>12</b> mil Clay <input type="checkbox"/> Pit Volume: <b>13000</b> 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.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) <b>0</b> 100 feet or more <input checked="" type="checkbox"/> (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 (20 points) No <input checked="" type="checkbox"/> (0 points) <b>0</b>
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) <b>0</b> 1000 feet or more <input checked="" type="checkbox"/> (0 points)
Ranking Score (Total Points) <b>0</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 **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 \_\_\_\_\_ ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: **SOUTHWESTERN ENERGY PLANS TO DEEP BURY RESERVE PIT CONTENTS AND LINDER PER NMOCD RULE 50 PIT CLOSURE - DIG TRENCH APPROX 120' X 30' X 20' DEEP, LINE TRENCH W/ 12 MIL PLASTIC, PLACE PIT CONTENTS IN LINED TRENCH, CAP TRENCH W/ 20 MIL PLASTIC. BACKFILL & COVER W/ APPROX 3' NATURAL SOILS. CONTOUR AREA FOR DRAINAGE - EROSION CONTROL SEED AREA W/ SPECIFIED SEED MIXTURE IF APPLICABLE. NOTIFY OCD WITHIN 48 HRS OF STARTING**

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: **8/15/2007**

Printed Name/Title: **Martha Howard / Regulatory Analyst**

Signature

**Martha C. Howard**

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

Signed By

**Mike Brannan**

**DEC 10 2007**

NOTIFY OCD 24 HOURS prior to sampling and closure. Samples are to be obtained from pit area and analyses submitted to OCD prior to backfilling.

If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.