

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, Samson Resources Co. Telephone: 432-683-7063 e-mail address: \_\_\_\_\_  
Address: 200 N. Loraine Ste 1010 Midland, Tx. 79701  
Facility or well name: Lea Federal Unit #20 API #: 30-025-37012 U/L or Qtr/Qtr B Sec 14 T 20s R 34e  
County: Lea Latitude Longitude NAD: 1927 ☐ 1983 ☐  
Surface Owner: Federal x ☐ State ☐ Private ☐ Indian ☐ WTR > 100'

Pit	Below-grade tank
Type: Drilling x <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined x <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness ____ mil Clay <input type="checkbox"/> Pit Volume ____ bbl	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) 100 feet or more ( 0 points) x
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 ( 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 (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more ( 0 points) x
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 your are burying in place) onsite x ☐ 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 x ☐ 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: Pit Closure Report - Pit contents were mixed with earthen material and allowed to stiffen. Encapsulation trench was constructed and lined with a 12 mil Synthetic liner. Pit contents were placed into the trench, then covered with a 20 mil synthetic liner with a 3 ft. overlap on all sides. The capping liner was then covered with 3 ft. of native soil and graded to prevent pooling. Closure began January 16, 2006 and was completed February 3, 2006.

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 x ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 2-16-06

Printed Name/Title C. H. Kerby/ Agent Signature *C.H. Kerby*

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 L. Johnson, Envia ENGI

Signature *L. Johnson*

Date: 5.23.07