

District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
1391 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Grande 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 NMOC District Office.  
For abandonment 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>Karwin - Francisco D. Ochoa</u>		Address: <u>P.O. Box 21468 Tulsa OK 74121</u>	
Facility or well name: <u>Beal Lake #26</u>		API #: <u>30-025-38564</u>	U/L or Quarter: <u>T Sec 6 T 24 S R 34 E</u>
County: <u>Lea NM</u>		Latitude: <u>32° 14' 37.7" N</u>	Longitude: <u>102° 30' 28.6" W</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"/>			
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 type="checkbox"/> Thickness <u>12 mil</u> Clay <input type="checkbox"/> Pit Volume: <u>2500 bbl</u>		Volume: <u>NA</u> Type of tank: <u>NA</u> Construction material: <u>NA</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u>WTR 75'</u>	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>75' bsg</u>		Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) <u>10</u> 100 feet or more (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>NA</u>		Yes (20 points) No (0 points) <u>0</u>	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) <u>1000 feet or more</u>		Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) <u>0</u>	
Ranking Score (Total Points)		<u>10</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 owner box if you are burying in place) owner ☒ offsite ☐ If offsite, name of facility: \_\_\_\_\_ (3) Attach a general description of remedial action taken including re-sedimentation 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 elevations.

Additional Comments:

See attached work plan

DEEP BURY

I hereby certify that the information shown 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 NMOC guidelines ☒ a general permit ☐ or an (attached) alternative OGD-approved plan: ☐.

Date: 3-14-08 Printed Name/Title: Charles Carver Sr. Dpt Signature: Charles Carver 580-243-8198

Your certification and NMOC 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: Johnson ENVIRONMENTAL ENGINEER Date: 3-21-08

**RECEIVED**

MAR 18 2008

**HOBBS OGD**



# PHOENIX ENVIRONMENTAL LLC

P.O. Box 1856

2113 French Dr.

Hobbs, NM 88241-1856

Office 505-391-9685

Fax 505-391-9687

February 21, 2008

Kaiser-Francis Oil Company  
P. O. Box 120  
Rush Springs, OK 73082

Attn: Mr. Charles Garner  
Drilling Superintendent

**RE: Work Plan and Cost to Clean Up the Bell Lake Unit # 26 Drilling Pit  
Located in UL-I, Sec 6, T24S and R34E of Lea County, New Mexico  
API # 30-025-38564**

Dear Mr. Garner:

Phoenix Environmental, LLC (Phoenix) would like to take this time to thank you and Kaiser-Francis Oil Co. for the opportunity to provide our professional services. Please find attached our work plan and cost for the above listed site.

If you have any questions and/or need more data in regards to projects please call at any time. My cell phone is 505-631-8310.

Sincerely,

C. E. Nowak  
General Manager  
Phoenix Environmental LLC

**RECEIVED**

MAR 18 2008

**HOBBS OCL**



## **Summary/Overview**

The Bell Lake Unit # 26 Drilling Pit site should be completed and remediated in accordance with the standards of the NMOCD. It is our understanding that any potential contamination from the site was a result of activities associated with the drilling and production of oil and gas.

The potential contaminants of concern are mid to high-level concentrations of drilling mud and cuttings that were left after drilling operations were completed.

The lands primary use is domestic pasture for ranching and the production of oil and gas.

The ground water depth data available for this area showed the depth to ground water to be in the 75'-80' range BGS.

Pursuant to the standards of the NMOCD, the clean up level for this site will be at <5,000ppm of TPH, <50ppm for BTEX and Chlorides less than <250ppm.

The following scope of work was based on data from our site visit and the requirements of the NMOCD for site clean up.

## **Scope of Work for Entombment of Impacted Soils**

**NOTE:** Phoenix, for the purpose of this work plan, will estimate that there is approximately 2,500cyds of impacted cuttings and drilling mud at the site that needs to be addressed for site closure.

1. First Phoenix will call One-Call for line spot clearance before any excavation at the site is started.
2. Phoenix will mobilize to the site located southwest of Eunice, NM equipment and personnel necessary to start and complete the site remediation as required, getting the site back into compliance.
3. The site will be cleared of brush and debris and a staging area set up for site control and safety.



4. Phoenix will excavate on the south side of the drilling pit the tomb to hold the contents of the drilling pit. While leaving the top of the impacted soils at a minimum of three feet below grade, the size of the tomb will need to be 150x30x20 and will yield an estimated 3,334cyds of total material and will hold an estimated 2,800cyds of impacted soils.
5. Once the tomb area has been excavated it will be lined with 20mil HDPE bottom and a 20mil sewn on top above the impacted soils before backfilling
6. Impacted soils at the site will then be placed in the lined tomb area until the top of the impacted soils are at a minimum of three feet below grade.
7. Phoenix will field screen the site during the excavation, and, once the TPH and CL has dropped below clean-up requirements, final samples will be taken and sent to a third party lab for analysis.
8. Once all of the remediation criteria have been met for site closure and compliance, the site will be backfilled with clean material from the site. The site will be contoured with a slight crown to prevent the ponding of any water and reseeded.
9. Once all of the closure criteria have been met, a final closure report will be prepared by Phoenix. This report will include a summary of remediation operations, findings and conclusions on-site and lab analysis, site maps and project photos.

If you have any questions and/or need more data in regards to this project please call 505-631-8310 at any time.

Sincerely,



C. E. Nowak  
General Manager  
Phoenix Environmental LLC



TOPO! map printed on 03/14/08 from "Untitled.tpo"

