

District I  
J625 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: Latigo Petroleum, Inc. Telephone: 432-661-5369 e-mail address: bheame@latigopetro.com		
Address: 2121 French Drive Hobbs, New Mexico 88240		
Facility or well name: North Lusk 32 State #3	API #: 30-025-36953	Unit Letter (UL): K Qtr/Qtr: NE 1/4 SW 1/4 Section: 32, T18S, R32E
County: Lea	Latitude: N 32°42'07.94"	Longitude: W 103°47'26.23" NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b>	<b>Below-grade tank</b>	
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>	Volume: bbl Type of fluid:	
Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>	Construction material:	
Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/>	Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not.	
Pit Volume: ~3,000 bbl		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) greater than 100 feet or intermittent as evidenced by lack of wells within a one mile radius.	Less than 50 feet	(20 points) <input type="checkbox"/>
	50 feet or more, but less than 100 feet	(10 points) <input type="checkbox"/>
	100 feet or more	( 0 points) <input checked="" type="checkbox"/>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1,000 feet from all other water sources.)	Yes	(20 points) <input type="checkbox"/>
	No	( 0 points) <input checked="" type="checkbox"/>
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points) <input type="checkbox"/>
	200 feet or more, but less than 1,000 feet	(10 points) <input type="checkbox"/>
	1,000 feet or more	( 0 points) <input checked="" type="checkbox"/>
<b>Ranking Score (Total Points)</b>		<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 \_\_\_\_\_. (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: It is proposed to close this pit consistent with the NMOCD Pit and Below-Grade Tank Guidelines, November 1, 2004 as promulgated under NMOCD Rule 50 (19.15.2.50 NMAC).

Pit Status: Liner intact ☒ Liner punctured or torn ☐

Method of Closure: The contents of the pit were stiffened and encapsulated on site. Encapsulation consisted of mixing earthen materials with the pit contents, as necessary to stiffen the pit contents sufficiently to provide physical stability and support the pit cover. Upon the pit contents being stiffened as required, the edges of the liner were folded over the edges of the stiffened mud and cuttings and the pit was covered with a 20-mil thick impervious, reinforced synthetic liner meeting ASTM standards that is designed to be resistant to the material encapsulated. The liner was then covered with a minimum of three feet of clean soil or like material that is capable of supporting native plant growth.

The project was initiated on February 16, 2006 and completed on February 27, 2006.

IN SITU BURIAL

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 will be closed according to NMOCD guidelines ☒, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 6-6-2006 Printed Name/Title: Bill Heame Signature: Bill Heame

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, ENVIRO ENGR

Signature: L. Johnson

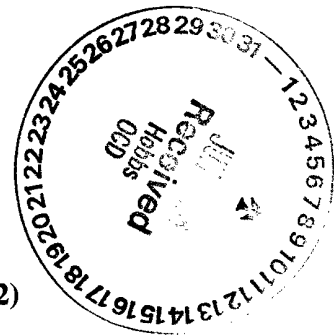
Date: 6-13-07



**ENVIRONMENTAL PLUS, INC.**  
CONSULTING AND REMEDIAL CONSTRUCTION

31 May 2006

Mr. Larry Johnson, Environmental Engineer  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division Environmental Bureau  
1625 North French  
Hobbs, New Mexico 88240



*API # 30-025-36953*

**Re: Final C-144**  
**Latigo Petroleum, Inc. North Lusk 32 State #3 (Ref. #110022)**  
**UL-K, Section 32, Township 18 South, Range 32 East**  
**Latitude: N 32°42'07.94" and Longitude: W 103°47'26.23"**

Dear Mr. Johnson:

Environmental Plus, Inc. (EPI), on behalf of the Latigo Petroleum, Inc. (Latigo) submit the enclosed New Mexico Oil Conservation Division (NMOCD) form C-144 and supporting information. Latigo is proposing to close the drill pit at the above-referenced well site in accordance with the "NMOCD Pit and Below-Grade Tank Guidelines, November 1, 2004" and the initial C-144 submitted February 7, 2006. Please direct all official communications to:

Latigo Petroleum, Inc.  
Bill Hearne  
2121 French Drive  
Hobbs, New Mexico 88240  
Telephone: (432) 661-5369  
[bhearne@latigopetro.com](mailto:bhearne@latigopetro.com)

Should you have any questions or concerns, please feel free to contact me at (505) 394-3481 or via e-mail at [iolness@envplus.net](mailto:iolness@envplus.net). Mr. Bill Hearne's contact information is included above.

Sincerely,

ENVIRONMENTAL PLUS, INC.

Iain Olness, P.G.  
Hydrogeologist

ENVIRONMENTAL PLUS, INC.

N32° 42' 09.95"  
W103° 47' 27.73"

N32° 42' 09.31"  
W103° 47' 26.17"

Former Pit  
(~9,300 square-feet)

N32° 42' 08.45"  
W103° 47' 27.71"

N32° 42' 08.48"  
W103° 49' 26.21"



LEGEND

Oil Well



Buried Iron Pin

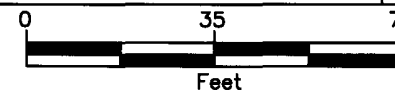


Figure 4  
Pit Location  
Latigo Petroleum, Inc.  
North Lusk 32 State #3

Lea County, New Mexico  
NE 1/4 of the SW 1/4, Sec. 32, T18S, R32E  
N 32° 42' 07.94" W 103° 47' 26.23"  
Elevation: 3,690 feet amsl

DWG By: Daniel Dominguez  
February 2006

REVISED:  
JCS, 4-06



SHEET  
1 of 1

