

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

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 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) 685-8100** e-mail address: **Pat Ellis (EllisP@pogoproducing.com)**

Address: **300 N. Marienfeld St., Box 103040, Midland Texas, 79701-7340**

Facility or well name: **Marine 19 Federal #1** API #: **30-01533981** U/L or Qtr/Qtr Lot 2 **Sec 19, T25S, R27E**

County: **Eddy Co.** Latitude **32° 07' 06"** Longitude **104° 14' 01"** NAD. 1927 ☐ 1983 ☐

Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit
Type: Drilling ☒ Production ☐ Disposal ☐
Workover ☐ Emergency ☐
Lined ☒ Unlined ☐
Liner type: Synthetic ☒ Thickness **12 mil** Clay ☐
Pit Volume **18M** bbl

Below-grade tank
Volume: _____ bbl Type of fluid: _____
Construction material: _____
Double-walled, with leak detection? Yes ☐ 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 <input checked="" type="checkbox"/>	(10 points) 10 points
	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.)	Yes	(20 points)
	No <input checked="" type="checkbox"/> X	(0 points)

Distance to surface water. (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) CORRONWOOD DRAW 1 MILE SOUTHEAST	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more <input checked="" type="checkbox"/>	(0 points)

Ranking Score (Total Points)	10
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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:

On April 2, 2007, Highlander Environmental Corp. supervised the installation of (1) temporary monitor well on the well pad. The temporary well was installed to a total depth of 80 0' below surface. The construction log is attached. No groundwater was encountered during the installation of the well

On April 10, 2007, Highlander was onsite to measure the depth to groundwater in the temporary well. No groundwater was encountered in the well.

The temporary well was dry. We would like to deep bury the above mentioned pit according to our attached pit closing procedure.

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 NMOC District guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: **4-26-07**

Printed Name/Title **PATRICK L. ELLIS**

Signature **Patrick L. Ellis**

Your certification and NMOC District 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

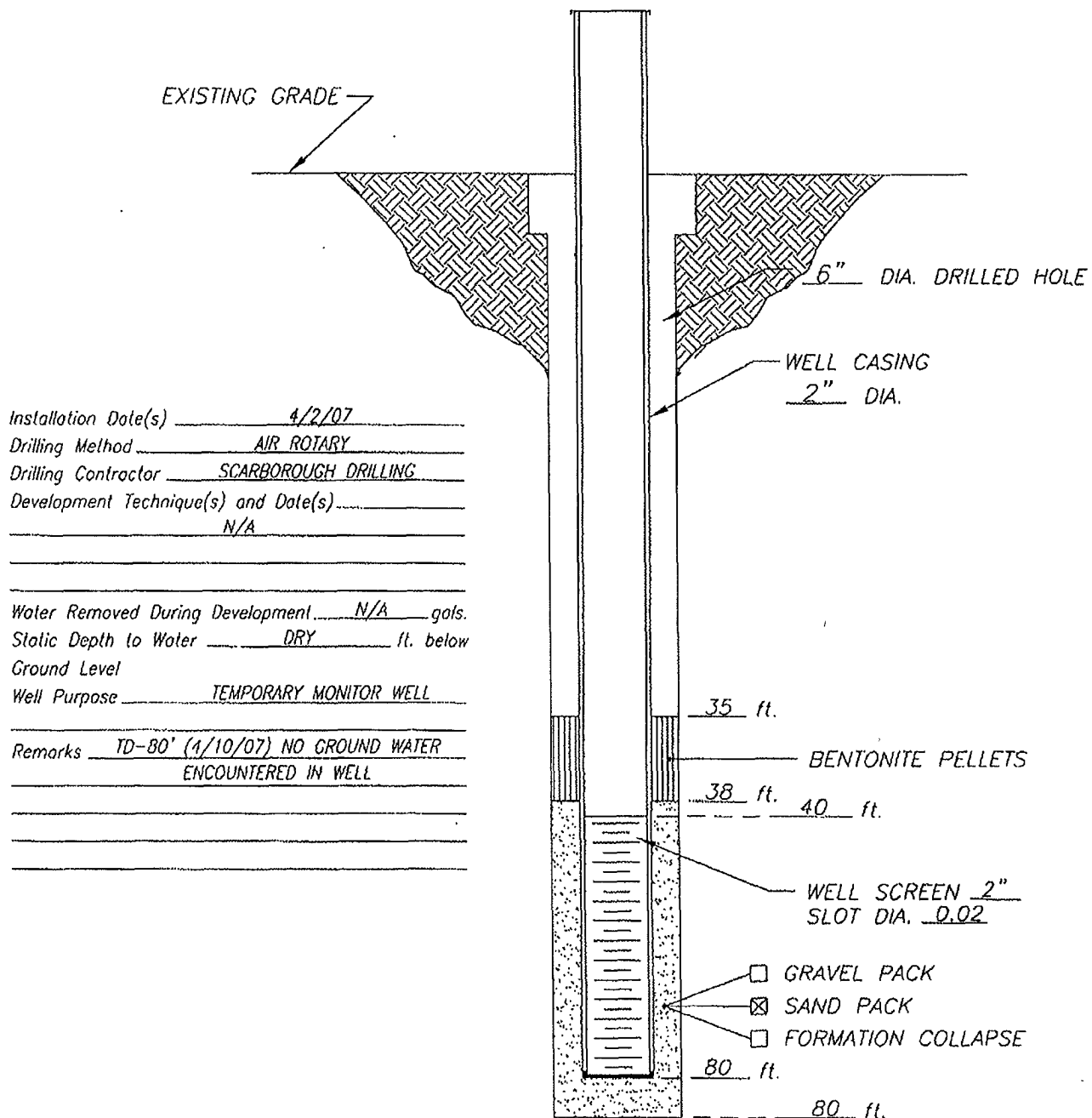
Approval:

Signature **Signed By** **Mike Benavente** Date **JUL 05 2007**

Notify OCD 24 hours prior to beginning pit closure.

Samples are to be obtained from pit area and analysis submitted to NMOC District prior to back-filling

TEMPORARY WELL CONSTRUCTION LOG



DATE: 4/2/07

**Highlander
Environmental**

CLIENT: LATIGO PETROLEUM, INC.
PROJECT: MARINE 19 FED. #1
LOCATION: EDDY COUNTY, NM

WELL NO.

TMW

Pit Closing Procedure:

Pits are dewatered. Dirt contractor digs a deep bury pit adjacent to the drilling pit. Deep bury pit is lined with 12 mil plastic. Dirt contractor pushes contents of drilling pit into the deep bury pit. Deep bury pit is capped with 20 mil plastic then covered with 3 feet of fill dirt.