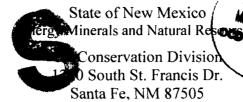
<u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
<u>District II</u>
1301 W. Grand Avenue, Artesia, NM 88210
<u>District III</u>
1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505



Form C-144 June 1, 2004

rodiling and production facilities. submit to appropriate NMOCD District

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 \(\subseteq \text{No } \subseteq \) Type of action: Registration of a pit or below-grade tank \(\subseteq\) Closure of a pit or below-grade tank \(\subseteq\) Operator: Parallel Petroleum Corporation 432-684-3905 e-mail address: ddurham@parallel-petro.com Telephone: Address: 1004 N. Big Spring Street, Suite 400, Midland, Texas 79701 Facility or well name: Riva Ridge 1425-16 #1 Sec 16 T 14S R 26E API#: 30-005-63882 U/L or Qtr/Qtr M 104° 21' 7.8"W NAD: 1927 X 1983 □ Latitude 33° 5' 52.3"N County: Chaves Longitude Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐ Pit Below-grade tank Type: Drilling X Production Disposal D Volume: bbl Type of fluid: Workover Emergency Construction material: Lined X Unlined [Double-walled, with leak detection? Yes If not, explain why not. Liner type: Synthetic X Thickness 12 mil Clay Pit Volume 25,000 bbl (20 points) Less than 50 feet Depth to ground water (vertical distance from bottom of pit to seasonal 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 120' 100 feet or more (0 points) Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic No (0 points) A water source, or less than 1000 feet from all other water sources.) Less than 200 feet (20 points) Distance to surface water: (horizontal distance to all wetlands, playas, (10 points) 200 feet or more, but less than 1000 feet irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points) O Ranking Score (Total 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 offsite X 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: The drilling pit for this site will be closed as per the attached Pit Closure Plan. 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 (attached) alternative OCD-approved plan .

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

Approval:
Printed Name/Title

otherwise endanger

Date: 5-5-07

regulations.

pit closure.

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

Notify OCD 24 hours prior to beginning

Printed Name/Title Gary Miller, agent, Phone 432-682-4559

Sind I Sepervisor 5/10/07

operator of its responsibility for compliance with any other federal, state, or local laws and/or

Pit Closure Plan – Drilling Pit

Operator:

Parallel Petroleum Corporation

Well Name:

Riva Ridge 1426-16 #1, API # 30-005-63882

Location:

Unit M Section 16, Township 14 S, Range 26 E, Chaves County, NM

1. Any remaining liquids will be removed from the pit.

- 2. Remaining solid wastes (i.e. buckets, cans, miscellaneous trash, debris, contaminated solids, etc.) will be removed from the pit, except for dried mud and cuttings, cement, and frac materials in drilling and reserve pits which have been approved by the OCD for encapsulation.
- 3. This well did not penetrate a salt section and was drilled with less than 9.5 lb/gal brine. Therefore, the drilling pit will be closed by encapsulation:

It is proposed to bury the drill cutting in place and not remove or trench the cutting if it can be done so that a minimum of 3' of file can be placed over the material. A 20 mil liner will be placed over the drill cutting before the area is backfilled.

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If this method can not be used, trench burial will be utilized for burial and capping of the drilling mud and cuttings. Up to two trenches (approximately 5 feet wide x 10 feet deep x 125 feet length) will be dug next to the pit and the cuttings buried and capped. The trenching and capping will be accomplished by lining the trench with an impervious, reinforced, synthetic or fabricated liner at least 12 mils in thickness; mixing earthen materials with the pit contents, as necessary to stiffen the pit contents sufficiently to provide stability and support for the trench cap; emplacing the stiffened mud and cuttings into the lined trench; capping the trench with a 20 mil minimum thickness impervious, fiber reinforced, synthetic or fabricated liner (the synthetic liner will overlap the trench area by at least 3 feet in all directions); and covering the trench with a minimum of 3 feet of clean soil that is capable of supporting native plant growth.