

Petroleum Corporation of Texas
 Berry Federal "A" -- Well No. 5
 990' FNL & 2200' FWL, Sec. 21, T17S, R30E
 Eddy County, New Mexico
 Lease: LCO 54988
 (Development Well)

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JAN 11 1980

U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operations.

1. EXISTING ROADS

- A. Exhibit "A" is a portion of a New Mexico State Highway Map showing the location of the proposed well as staked, approximately 25 miles east of Artesia, New Mexico and 5. mile north of Loco Hills, New Mexico.
- B. Travel east on U. S. Highway 82 approximately 25 miles east of Artesia, New Mexico to Loco Hills, New Mexico. Travel east into Loco Hills .5 mile past the County Road 139. Turn left onto dirt road just east of the I/W Hot Oil Service sign on the right or the Loco Hills Pipe Yard on the left. Travel north for .4 mile, then turn right (east) on to another existing access road. There is a Southland Royalty sign on the SE corner of this junction. The proposed access road starts approximately 500' east of this junction and will run south directly into the proposed location which is approximately 130' feet south of the existing access road. The proposed road is marked by surveyors stakes and ribbons.

2. PLANNED ACCESS ROADS:

- A. Length and Width: The new access road will be 12 feet wide (20' ROW) and approximately 200' long, from the point of origin at the existing access road to the edge of the proposed drilling pad. The existing access road may have to be moved slightly north to make room for the drilling pad and the pit area. The new access road is labeled and coded in red on Exhibit "B". The centerline of the new road has been staked and flagged.
- B. Construction: The new road will be constructed by grading and topping with the existing soil compacted. Compacted caliche will be used and the surface will be properly drained.
- C. Turnouts: No turnouts will be necessary.
- D. Culverts: None required.
- E. Cuts and Fills: There will be some minor cuts at the point of origin as the new road leaves the existing access road.
- F. Gates, Cattleguards: None required.