

RECEIVED

Mesa Petroleum Co.
Maralo Federal Com. Well No. 1
1980' FSL and 660' FWL, Sec. 22, T17S, R27E
Eddy County, New Mexico
Lease: NM-025527-A

JUN 5 1979

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 highway map showing the location of the Proposed well as staked. The proposed well is approximately 8.6 miles Southeast of Artesia, New Mexico, which includes 8.1 miles of U.S. Highway 82 and .5 mile of proposed access road from the highway to the well site.
- B. Directions: Travel east on U.S. Highway 82 8.1 miles from the stoplight in Artesia on U.S. Highway 285. The proposed access road will start at this point, which is a paved turnoff to an existing ranch (trail) road with a gate. The proposed access is marked with stakes, and will be constructed southwest from the ranch gate for approximately 2,700' to the well site.

2. PLANNED ACCESS ROADS:

- A. Length and Width: The new access road will be 12 feet wide (20' ROW) and approximately 2,700' long from the point of origin (U.S. HWY 82) to the edge of the drilling pad. The new road is labeled and color coded red on Exhibit "B". The centerline of the new road has been staked and flagged each being visible one to the next. At the point of origin, adjacent to the paved highway, is a paved turnoff.
- B. Construction: The new road will be constructed by grading and topping with compacted caliche. The surface will be crowned, with drainage on both sides.
- C. Turnouts: One passing turnout will be constructed approximately halfway between the gate and the well site.
- D. Culverts: None required on the access road, or the turnoff from the highway.
- E. Cuts and Fills: None Required
- F. Gates, Cattleguards: One cattleguard will be installed in fence adjacent to the paved highway.