

MULTI-POINT SURFACE USE AND OPERATION PLAN

MESA PETROLEUM CO.
DORIS FEDERAL #2
660' FSL & 660' FWL, SEC 11, T5S, R24E
CHAVES COUNTY, NEW MEXICO

LEASE NO: NM 19825

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operational plan in both the actual and post drilling completion operations.

1. Existing Roads

- A. Exhibit I is a portion of a highway map showing the location of the proposed well as staked. The proposed well is approximately 35 miles north/northeast of Roswell, New Mexico.
- B. Directions: Travel north of Roswell on US Highway 285 for approximately 24 miles (marker 139) then travel east/northeast for 11.5 miles on County Road. Turn west on lease road (Stancel Fed #1) and follow northwesterly (past the Stancel Fed #2 & Huggins Fed #1) for 2 miles then northeasterly.

2. Planned Access Road

- A. Length and width: The new access road will be 12' wide (16' ROW) and approximately 7/10 mile of new road and 3.7 miles of ROW approved under APD's for the Stancel Fed #1 & #2, Huggins Fed #1 & Camack Fed #1 (1000' of road). (See USGS records for Roswell Area).

(See Exhibit II)

- 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. (See Exhibit III)
- C. Culverts, Gates and Cattleguards: None required.
- D. Cut and Fill: In order for the location to be level, approximately 3' of cut from the west side will be moved to the east side for fill.

3. Location of Existing Wells

Existing wells within a one-mile radius are depicted by Exhibit IV.