

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

MESA PETROLEUM CO  
NASH UNIT NO. 7  
685' FNL and 1295' FWL, Section 18-T23S-R30E  
EDDY COUNTY, NEW MEXICO  
(DEVELOPMENT WELL)

RECEIVED  
MAY 11 1979  
U.S. GEOLOGICAL SURVEY  
ARTEIA, NEW MEXICO

This plan is submitted with Form 9-331C, Application For Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effects associated with the operations.

1. EXISTING ROADS

Existing roads in the vicinity of the proposed location are shown on attached Exhibit I. As shown, the planned well is approximately 10 miles east-northeast of Loving, New Mexico. The subject well can be reached by traveling 4.1 miles east on State Highway 128, from the intersection of State Highways 128 and 31 (intersection is 7 miles northeast of Loving); then turn south on caliche road and travel approximately 1-3/4 miles. Turn east on caliche road for approximately 1/4 mile. Turn north on approximately 1/8 mile of proposed new road to the location.

2. PLANNED ACCESS ROAD

The planned access road is depicted by attached Exhibits I and II. Grading, and topping with caliche, is all that is planned for the proposed access road. The access road will be 12 feet in width (20' ROW width). A typical cross section is shown on Exhibit III. There will be no culverts set because there is very little elevation change in the proximity of the planned access road. Elevation change from existing road to proposed location is about 5 feet in 1/8 mile as indicated by Exhibit V. There are no fences between the present roadway and the proposed location, therefore, cattleguards or gates will not be necessary.

3. LOCATION OF EXISTING WELLS

All wells within a one mile radius of the proposed well are indicated on Exhibit II.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

Production equipment, including tank battery, is located on the drilling pad for the Nash Unit #1, #2, #3, and #4. The approximate location and routing of gas gathering lines, which are owned by Transwestern and are buried, are also shown on Exhibit II. If the subject well proves commercial, gas separation process equipment and tank battery will be located on the subject well's drilling pad. A routing for the gas gathering line is sketched in for reference.