

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Mesa Petroleum Co.
Diamond Mound Federal Well No. 2
1980' FSL and 1980' FEL, Section 1-T16S-R2
Eddy County, New Mexico
(Development Well)

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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.

- A. Existing roads in the vicinity of the proposed well are shown in Exhibit I, attached. As indicated, the proposed well location is approximately $8\frac{1}{2}$ miles east-southeast of Lake Arthur, New Mexico. The subject location can be reached by traveling from Lake Arthur 3.3 miles east and south on Highway 507; from this point, approximately 5.0 miles east on an improved county road, and then approximately 2.0 miles south on a caliche road; at this point, approximately $\frac{3}{16}$ mile east to Diamond Mound Federal Well No. 1.

2. PLANNED ACCESS ROAD.

- A. The newly constructed access road is indicated in red on Exhibits I, II, and V. This road will originate from the northeast corner of the drilling pad at Diamond Mound Federal Well No. 1 and will meet the drilling pad at Diamond Mound Federal Well No. 2 at the southwest corner of the pad, a total distance of slightly less than a half mile. The road will be constructed by grading and topping with compacted caliche. The driving surface of the road will be 12 feet in width (20' Right-of-Way width, as shown in Exhibit III), with drainage on both sides of the road. No culverts or turnouts will be necessary.
- B. The center line of the proposed new road has been staked and flagged, and is clearly visible.

3. LOCATION OF EXISTING WELLS.

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