

SURFACE USE AND OPERATIONS PLANS

1. Existing Roads

- A. Proposed Well Site Location: The proposed well site location was surveyed and staked by a registered land surveyor and is located 1630' from the North line and 800' from the West line, Section 32, T27N, R12W, San Juan County, New Mexico. (See Exhibit I Surveyor's Plat.)
- B. Planned Access Route: The planned access route begins 15 miles south of Farmington, New Mexico on Highway 371 and extends 1.5 miles to the well location on hard surface road.
- C. Access Road Labelled:
 - Color Code: Red - Improved Surface
 - Blue - New Access Road
- D. Not Applicable - The proposed well is a development well.
- E. See Exhibit II for existing roads within a one mile radius.
- F. The existing roads will require minimal maintenance.

2. Planned Access Roads

(All roads are existing roads.)

- A. Width: The average width of the road is twelve feet.
- B. Maximum Grades: The maximum grade on the proposed road will be approximately 1%.
- C. Turnouts: There are no turnouts planned as sight distance is sufficient.
- D. Drainage Design: The road is center crowned to allow drainage.
- E. Culverts Use Major Cuts and Fills: No culverts will be needed in building this road. No cuts or fills will be needed.
- F. Surfacing Material: Native soil has been wetted, bladed and compacted to make the road surface, which is existing.
- G. Gates, Cattleguards, Fence Cuts: None will be needed.
- H. New Roads Centerlined Flagged: Existing roads.