

1. Existing Roads

- A. Proposed Well Site Location:  
The proposed well site was surveyed by a registered surveyor and was staked at 900' FWL and 2280' FNL, Section 13, Township 26 South, Range 37 East, Lea County, New Mexico. (See exhibit I Surveyors Plat.)
- B. Planned Access Route:  
The planned access route exits from Jal, New Mexico south southeast on New Mexico Highway 18 for approximately 4.5 miles to the junction of an improved gravel surfaced road. It then goes southeasterly for approximately 1.2 miles and turns easterly for about 1.75 miles, at which point it turns south for  $\frac{1}{2}$  mile. The new access road begins at that point and goes west for approximately  $\frac{1}{8}$  mile to the location site. (See exhibits II and III.)
- C. Access Road Labelled:  
  
Color Code:           Red - Improved Surface  
                          Blue - New Access Road
- D. Not applicable - the proposed well is a development well.
- E. The proposed well is a development well, see exhibit III for existing roads within a one mile radius.
- F. Existing Road Maintenance of Improvement Plan:  
The existing gravel, caliche and sandy roads will require minimal maintenance. The new access may require some occasional work to allow and maintain proper drainage.

2. Planned Access Roads

- A. Width:  
The average width of the road will be twelve feet.
- B. Maximum Grades:  
The maximum grades will be about one percent, because the area is nearly level, with some rolling sand hills.
- C. Turnouts:  
There are no turnouts planned as sight distance is sufficient.
- D. Drainage Design:  
The road will be center crowned to allow drainage. Water bars will be constructed to prevent erosion. The road will be flat primarily, however, if grades are necessary, they shall not be more than 3:1.