

## Bondurant Federal Well #4

### LOCATION

The proposed access measures 12 X 600 ft and will pass through the:

SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 13, T19S, R32E, NMPM, Lea County, NM (BLM)

NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 13, T19S, R32E, NMPM, Lea County, NM (BLM)

Bondurant Federal No. 4 is situated 2310 ft from the south line and 1980 ft from the east line and will measure 400 X 400 ft. It is located in the:

NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 13, T19S, R32E, NMPM, Lea County, NM (BLM)

Map Reference: USGS Laguna Gatuna Quadrangle, 15 minute series, 1963.

### TERRAIN

Areal terrain is marked by a relatively flat plain. Soils are sandy and often include small caliche inclusions in surficial deposits. Typically, inclusions measure less than 5 cm in diameter. Soils, invariably, are strong brown (7.5 YR 5/6 dry) in color. Although this area is subject to aeolian processes, deflation basins are stable. Taxonomically, pedons belong to the Paleothid-Haplargid association.

### FLORISTICS

Observed plants include Quercus havardii, Gutierrezia sarothrae, Prosopis juliflora, Yucca glauca, Opuntia sp. (platopuntia), Opuntia leptocaulis, Aristida sp., Andropogon glomeratus, Senecio longilobus and Eriogonum wrightii. Quercus, Gutierrezia, and Prosopis are dominant. Prosopis averages about 1.5 m.

### CULTURAL RESOURCES

No cultural resources were recorded during ACA's reconnaissance.