

Terrain

The proposed location is situated on a gently undulating plain at an elevation of 3245 ft. The plain in this region declines gently to the southeast. The soils in this area are extremely rocky loams. These may be classified as Typic Paleorthids. The lithic content of the soil in this immediate area approaches 35%.

Floristics

A sparse floral community is present in this area. The density of plant cover reaches a maximum of 20%. The shrubs present include Prosopis juliflora, Gutierrezia sarothrae, Perezia nana, and Opuntia spp. (cylindropuntia and platyopuntia). Graminae encountered include Hilaria mutica and Scleropogon brevifolius.

Cultural Resources

ACA did not encounter any archaeological sites, or isolated manifestations, either within or near the proposed well or access road.

Recommendations

ACA recommends clearance for the proposed facilities and suggests that construction be allowed to proceed as currently planned.

Nellis Federal No. 3

Location

The proposed well and access road are situated in the Qurecho Plains approximately 12 miles south of Maljamar, New Mexico. The well is situated 1980 ft FNL and 1980 ft FWL in the:

SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 6, T19S, R33E, NMPM, Lea County, New Mexico (BLM)

The proposed access road enters the location from the south and measures 12 X 3960 ft. It is located in the:

SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 6, T19S, R33E, NMPM, Lea County, New Mexico (BLM)
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 6, T19S, R33E, NMPM, Lea County, New Mexico (BLM)
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 6, T19S, R33E, NMPM, Lea County, New Mexico (BLM)