

Terrain

This location is situated in an area of partially stabilized blow sand and deflation basins. Soil individuals are sandy loams and include pebble-sized chert, quartz, and caliche inclusions.

Floristics

Shrubs include: Prosopis juliflora, Yucca glauca, Quercus havardii, and Gutierrezia sarothrae. Senecio longilobus, Tridens pulchellus, and Hilaria spp. are the principal forbs and grasses.

Cultural Resources

No cultural resources were recorded during the reconnaissance.

Recommendations

ACA recommends clearance for the proposed drill pad location and access road and suggests that construction proceed without modification of existing plans.

Nellis Federal Well No. 2

Location

The proposed drill site measures 450 X 450 ft and is located in the:

S $\frac{1}{2}$ N $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 6, T19S, R33E, NMPM, Lea County, New Mexico (BLM)

The access road measures 12 X 3300 ft and passes through the:

N $\frac{1}{2}$, Section 7, T19S, R33E, NMPM, Lea County, New Mexico (BLM)
SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 6, T19S, R33E, NMPM, Lea County, New Mexico (BLM)

Map Reference: USGS Laguna Catuna Quadrangle, 7.5 Minute Series.

Terrain

Local topography is characterized by partially stabilized sand dunes, with associated shallow deflation basins. Soils are sandy loams and loamy sands and include occasional gravel-sized caliche inclusions.