

dunes. Soils are Typic Haplargids and notable for their few inclusions.

Floristics

The local plant community is dominated by Quercus havardii. In addition, Artemisia filifolia, Gutierrezia sarothrae, and Yucca glauca occur in the area. Graminae is represented by several unidentified grasses.

Cultural Resources

No cultural resources were recorded during the course of this reconnaissance.

Recommendations

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

Gillully "B" Federal #21

Location

This location measures 300 X 300 ft and is situated 1980 ft from the north line and 510 ft from the west line of the:

NW $\frac{1}{4}$, Section 22, T20S, R37E, NMPM, Lea County, New Mexico (BLM)

More specifically, it is situated in the:

SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 22, T20S, R37E, NMPM, Lea County, New Mexico (BLM)

The associated access will be discussed below.

Map Reference: USGS Hobbs SW Quadrangle, 7.5 Minute Series, 1969.

Terrain

Local terrain is marked by an essentially flat plain which is slightly deflated. Larger deflation basins do occur west of the pad. Caliche cobbles, generally less than 5 cm, are found throughout the area. Soils are brown (10YR 5/3 dry) and tend to be dominated by the clay and sand separates.