

stabilization, whereas grasses are most often found in deflation basins.

Vegetation covers between 20 and 30% of the surface.

Cultural Resources

No archaeological sites were recorded during this reconnaissance; however one isolated manifestation (IM-1) was noted. IM-1 consists of a chert secondary decortication flake found on the south side of the proposed well pad. Additionally, contemporary trash is present throughout the area and includes fragments of window glass and a glass jar.

Recommendations

ACA recommends clearance for the proposed location and associated access and suggests that work-related activities proceed without modification of existing plans.

Federal "H" Well No. 1

Location

The proposed drill location measures 450 X 450 ft and is situated in the:
NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 26, T23S, R33E, NMPM, Lea County, New Mexico (BLM)

The proposed access right-of-way measures 12 X 1980 ft and passes through the:

W $\frac{1}{2}$ SW $\frac{1}{4}$, Section 26, T23S, R33E, NMPM, Lea County, New Mexico (BLM)

Map Reference: USGS Hat Mesa Quadrangle, 15 Minute Series, 1963.

Terrain

The proposed construction site is situated on an undulating plain which lies south and slightly east of Antelope Ridge. Slope is slight but is toward the south-east. Locally, soils consist of sandy loams of the Paleorthids-Haplargids Association and sporadically contain gravel-sized caliche inclusions. Sheet wash has resulted