

Floristics

Quercus havardii, Artemisia filifolia, and Yucca glauca are dominate in this area. Other species include Gutierrezia sarotham and Chrysothamnus nauseosus.

Cultural Resources

The archaeological reconnaissance failed to reveal cultural resources within the surveyed area.

Recommendations

ACA recommends clearance for the proposed drill location and suggests that Amoco proceed with its project according to plans.

Gillully Federal Gas Com. Well #15

Location

The proposed access right-of-way measures 12 X 400 ft and passes through the: SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 24, T20S, R36E, NMPM, Lea County, New Mexico

The proposed drill location measures 400 X 400 ft and is situated in the: SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 24, T20S, R36E, NMPM, Lea County, New Mexico

(Private Surface/Federal Mineral Rights)

Map Reference: USGS Monument Quadrangle, 15 Minute Series, 1963.

Terrain

Local terrain is composed of a dune field of partially stabilized dunes and deflation basins. Soils, invariable, are assignable to the Haplargid Torripsamment Association and in turn range from fine-grained sandy clay loams (Typic Haplargids) to loose, noncalcareous, loamy sands (Typic Torripsamments) lacking pedogenic horizons. These latter soils are pale yellow (2.5YR 7/4). Caliche is present in most deep deflation basins.