

### 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.