

LOCATION (continued)

Bondurant Federal #5's access measures 12 X 1980 ft and will pass through the:

NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 12, T19S, R32E, NMPM, Lea County, NM (BLM)
 NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 12, T19S, R32E, NMPM, Lea County, NM (BLM)

Map Reference: USGS Laguan Gatuna Quadrangle, 15 minute series, 1962.

TERRAIN

The investigated area is situated on an undulating plain distinguished by low, coppice-type sand dunes. Dunes average .5 m in height while deflation basins tend to be between 10 to 16.5 m in diameter. Caliche inclusions make up less than 1% of soil individuals. Soils belong to the Haplargid-Torrip-samment Association.

FLORISTICS

Principal members of the plant community include Quercus havardii, Yucca glauca, Gutierrezia sarothrae, Prosopis juliflora, Distichlis stricta, and Bouteloua gracilis. Plant density averages 20 to 30% and is heaviest on the northern quarter of the location.

CULTURAL RESOURCES

No archaeological sites, or isolated manifestations, were recorded during ACA's reconnaissance.

RECOMMENDATIONS

ACA recommends clearance for Bondurant Federal #5 and suggests that construction proceed without modification of existing plans.