

Thus it will be situated in the:

NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 15, T16S, R30E, NMPM, Eddy County, NM

The associated access road will measure 12 X 1000 ft and will be situated in the:

NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 15, T16S, R30E, NMPM, Eddy County, NM

NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 15, T16S, R30E, NMPM, Eddy County, NM

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

Terrain

Tonographically, the investigated area is situated on an undulating plain lying west of the Llano Estacado. Coppice dunes in the area range between 2 and 5 m but usually average less than 4 m. Associated deflation basins measuring to 6 m in breadth, are generally circular and sometimes open-ended. Several small subsidence structures occur locally. Soils in subsidence areas are sandy clay loams belonging to the Typic Haplargid subgroup where as pedis in dunal areas are sandy loams and loamy sands belonging to several intergrades of the Typic Torrripsamment subgroup. Small, granular-sized caliche inclusions occur in these latter soils.

Floristics

The areal overstory is formed mainly by Artemisia filifolia, Quercus havardii and Yucca glauca. A few specimens of Prosopis juliflora and Chrysothamnus pulchellus occur in the investigated area as does Sarcobatus drummondii which is rare. The grasses are represented by Aristida spp., Sporobolus sp., Stipa neomexicana, Andropogon glomeratus, Tridens pulchellus, Bouteloua eriopoda and Cenchrus incertus. Setaria macrostachya occurs in associ-