

Section 22, T19S, R28E, NMPM, Eddy County, NM

Thus it will be situated in the:

SW 1/4, Section 22, T19S, R28E, NMPM, Eddy County, NM

It is situated immediately south of an existing east-west lease road.

Map Reference: USGS Oil City Quadrangle, 15 Minute Series, 1943.

### Terrain

This location is situated within a trough-like draw on the eastern slope of Fade Away Ridge. This feature is the recipient of heavy runoff from the west, north, and east. This phenomenon has resulted in a highly eroded landform characterized by a plethora of hummocks and inter-connected small water courses. Hummocks tend to be stabilized and average about .75 m in height. Drainage is toward the south-southwest and is tributary to Palmilla Draw. Local soils are composed of an association of deep, fine-textured, non-calcareous, sandy clay loams and loams (hummocks), and shallow, somewhat coarser, calcareous, sandy clay loams (channeled areas). Taxonomically, these soils belong to several intergrades of the Typic Calcicertid subgroup.

### Floristics

Hummocks support a mixed association of Prosopis juliflora and Atriplex canescens and to a lesser extent of Larrea tridentata. Soils making up these features also host an understory of Setaria macrostachya, Muhlenbergia porteri, Perezia nana, and Leridium sp. Although less frequently observed, Sporobolus sp. also occur on these features. Channeled lo-