

Lot 10, Section 1, T21S, R28E, NMPM, Eddy County, NM

The associated access road will measure 20 X 2800 ft and will be situated in the:

Lot 10, Section 1, T21S, R28E, NMPM, Eddy County, NM  
 Lot 15, Section 1, T21S, R28E, NMPM, Eddy County, NM  
 NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 1, T21S, R28E, NMPM, Eddy County, NM

Map Reference: USGS OIL CITY QUADRANGLE, 15 Minute Series, 1943.

### Terrain

HNG OIL COMPANY's proposed location will be situated on the south-facing shoulder of an outlier of Quahada Ridge. In general, this landform is overlain by consolidated aeolian deposits of Holocene and Pleistocene age. Presently, the coeval surface is being downcut by a system of ephemeral water courses with runoff ultimately tributary to Old Indian Draw. Pedons belong to the Typic Torripsamment subgroup and host caliche inclusions in erosional areas.

### Floristics

Areal soil individuals host a mixed overstory of *Prosopis juliflora*, *Acacia greggii*, *Quercus havardii*, *Yucca glauca*, and *Atriplex canescens*. Most commonly occurring forbs are *Senecio* sp., *Euphorbia* sp., *Monarda punctata*, *Croton* sp., *Dithyrea* sp., *Hymenoxys* sp., *Gillia* sp., *Phyllanthus* sp., and *Krameria* sp.. The Gramineae is represented by *Aristida* sp., *Muhlenbergia porteri*, and *Setaria macrostachys*.

### Cultural Resources

During the course of this reconnaissance, one archaeological site, NMAS 5138, was recorded.