

Section 16, T24S, R32E, NMPM, Lea County, NM

Thus it will be situated in the:

NW¼NE¼, Section 16, T24S, R32E, NMPM, Lea County, NM

The associated access road will measure approximately 100 X 2250 ft (actual area surveyed 5.17 acres) and will be situated in the:

NW¼NE¼, Section 16, T24S, R32E, NMPM, Lea County, NM

SW¼NE¼, Section 16, T24S, R32E, NMPM, Lea County, NM

NW¼SE¼, Section 16, T24S, R32E, NMPM, Lea County, NM

Map Reference: USGS PADUCA BREAKS NW QUADRANGLE, 7.5 Minute Series, 1973.

Level of Previous Impact

A two-track road crosses the north side of the location.

Environmental Setting

ORYX ENERGY COMPANY's proposed location will be situated on a gently undulating landform which is coextensive with South Plain. Locally, the coeval surface is distinguished by a system of low hummocks; microrelief ranges between 0.30 and 0.50 m in height. A low, truncated ridge defines the horizon on the east, north and west. Soil individuals are made up of loose, non-calcareous sandy loams and loamy sands. Caliche gravels and cobbles commonly occur in peds. Taxonomically, pedons fall within the Typic Torripsamment subgroup. Surficial deposits are subject to aeolian processes. Drainage is of an interior nature owing to soil permeability and the Karst landform. Water is locally scarce. Nearest permanent water is in the form of seeps and springs within the Nash Draw catchment, six miles to the west.