

areas to be impacted by construction-related activities.

Jack B "17" Well No.5

Location

As proposed, this location will measure 250 X 250 ft on federal land and will be situated 1650 ft from the north line and 660 ft from the east line of:

Section 17, T24S, R37E, NMPM, Lea County, NM

Thus it will be situated in the:

SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 17, T24S, R37E, NMPM, Lea County, NM

Its associated access road will measure approximately 12 X 200 ft and will be situated in the:

SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 17, T24S, R37E, NMPM, Lea County, NM

Map Reference: USGS Jal NW, 7.5 Minute Series, 1969.

Terrain

Topographically, this locality is coextensive with the Eunice Plain. This feature in general is notable for its often extensive collapse structures dating back either to the Tertiary period or to the more recent Pleistocene epoch. Owing to pluvial conditions during the Pleistocene, these natural receptacles filled with water, often were interconnected, and hence formed significant bodies of water. Evidence of their former presence is indicated by a generally thick deposit of lacustrine sediments laid down during this time. Locally, these deposits occur between 1 and 2 m beneath the surface. The contemporary landform is overlain by a veneer of aeolian, non-calcareous, generally medium-textured, sandy loams lacking