

area surveyed 4.44 acres) on federal land and will be situated 330 ft from the north line and 330 ft from the east line.

Section 13, T22S, R23E, NMPM, Eddy County, NM

Thus it will be situated in the:

NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T22S, R23E, NMPM, Eddy County, NM

The associated access road will measure approximately 100 X 2200 ft (actual area surveyed 5.05 acres) and will be situated in the:

NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T22S, R23E, NMPM, Eddy County, NM

NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T22S, R23E, NMPM, Eddy County, NM

SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T22S, R23E, NMPM, Eddy County, NM

Map Reference: USGS MARTHA CREEK QUADRANGLE, 7.5 Minute Series, 1978.

Level of Previous Impact

The sites of the proposed location and access road have not been previously impacted by mechanical means.

Environmental Setting

M.W. PETROLEUM COMPANY's proposed location will be situated on a low, limestone ridge which overlooks Dunaway Draw. Situated due west Cone Butte, the coeval surface is marked by limestone outcroppings and dense, highly weathered limestone screes. Associated soils, uniformly thin and calcareous in nature, are made up of silty clay loams and fall within the Lithic Calciustoll subgroup. Depositionally, the surface, as a whole, is subject to colluvial processes. Drainage is by ephemeral sheetwash with runoff being to the north. Elevation is 4029 ft. Slope is 2°. Aspect is multiple (360°). Water is available in the form of springs in Rocky Arroyo, two miles to the north.