

Todd "14" Federal Well No. 2

*Location*

The proposed location will measure 400 X 400 ft (actual area surveyed 4.44 acres) on federal land and will be situated 660 ft from the south line and 660 ft from the east line.

Section 14, T23S, R31E, NMPM, Eddy County, NM

Thus it will be situated in the:

SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 14, T23S, R31E, NMPM, Eddy County, NM

The associated access road will measure approximately 100 X 200 ft (actual area surveyed 0.46 acre) and will be situated in the:

SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 14, T23S, R31E, NMPM, Eddy County, NM

Map Reference: USGS BOOTLEG RIDGE QUADRANGLE, 7.5 Minute Series,  
1984.

*Level of Previous Impact*

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

*Envionmental Setting*

DEVON ENERGY CORPORATION's proposed location will be situated on an aeolian landform whose surface is marked by low hummocky terrain. Local soils universally dominated by the sand separate, fall within the Typic Torripsamment subgroup. Microrelief ranges between 0.35 and 0.60 m in height. In general, the coeval surface is subject to aeolian processes. Lithic inclusions are infrequent and limited to angular, caliche gravels and small cobbles. Elevation is multiple (360°). Drainage is internal.

The scrub formation is made up of mesquite, sand sage, plains yucca, woolly paper plant, spiny-leaf zinnia, leather-leaf croton,