

in the:

SE¼SW¼, Section 13, T23S, R31E, NMPM, Eddy County, NM
 SW¼SW¼, Section 13, 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 impacted by mechanical means.

Environmental Setting

DEVON ENERGY CORPORATION's proposed location will be situated on a very gently sloping landform which is coextensive with South Plain. Surficial deposits, universally dominated by the sand separate, are made up of loose, non-calcareous, loamy sands and sandy loams. Pedons fall within the Typic Torripsamment subgroup. Overall, the surface is subject to aeolian processes. Elevation is 3508 ft. Slope is 0.45°. Aspect is multiple (360°). Drainage is internal owing to high soil permeability.

The grassland/scrub formation is made up of hairy grama, poverty threeawn, mesa dropseed, sand muhly, sand bur, spotted bee-balm, desert seepweed, sand flat sedge, Indian rush-pea, mat bluet, shinnery oak, plains yucca, sand sage, and mesquite.

Cultural Resources

Prefield: 19 June 1992, Section 13 (no archaeological sites), T23S, R31E, Arita K. Slate.

No cultural properties were recorded during this survey. Dearth of potentially quarryable siliceous lithic material, less than adequate shelter and an extreme paucity of water combined to limit prehistoric land usage to ephemeral, transitory uses.