

Level of Previous Impact

The access road will cross a surface line. A pipeline crosses the east side of the location.

Environmental Setting

DEVON ENERGY CORPORATION's proposed location will be situated on an aeolian landform whose surface is marked by low, poorly developed, coppice-type, dunes and shallow deflation basins. Areal soils are made up of loose, non-calcareous, coarse-grained, sandy loams and loamy sands. Pedons fall within the Typic Torripsamment subgroup. Depositionally, the surface is colluvial aeolain with laterality being to the west-southwest. Taxonomically, peds fall within the Typic Torripsamment subgroup and an intergrade of it. Elevation is 3480 ft. Slope is 0.95°. Aspect is multiple (360°).

The grassland formation is composed of bush muhly, poverty threeawn, mesa dropseed, spiny-leaf zinnia, woolly paper plant, umbrella wort, flat sand sedge, widow's tears, cane cholla, Christmas cholla, pitaya, plains prickly pear, mesquite, shinnery oak, and plains yucca.

Cultural Resources

Prefield: 19 June 1992, Section 23 (no archaeological sites), T23S, R31E, Arita K. Slate.

No cultural resources were recorded during this survey. Albeit not encountered, expected cultural properties, should they occur, should include isolated, random occurrences of debitage, cores, small angular debris, projectile points, etc.