

SW1/4, Section 28, T18N, R29E, N40W, Eddy County, NM (BIM)
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Map Reference: USGS Oil City Quadrangle, 15 Minute Series,
 1938.

Terrain

Areal terrain is distinguished by a field of semi-stabilized conical dunes, or hummocks, which is presently being subjected to erosional activity resulting from ephemeral sheetwash. Extending on the east, the dissected location is bounded by low ridges from which numerous rills and gullies head. Within the dissected area, these water courses coalesce into several broad side drainages which discharge into Bear Grass Draw on the east. Local soils are derived from Quaternary-aged alluvial and aeolian deposits which are underlain by duripan. Soil individuals belong to the Haplargid-Torrinsamment association. Typic Torrinsamments predominate throughout the general vicinity of the reconnaissance and consist of deer, and for the most part non-calcareous, sandy clay loams, loamy sands and sandy loams. Lithic inclusions consist of caliche gravels and cobbles in deflated areas.

Floristics

Typic Torrinsamments support an overstory dominated by Prosopis juliflora which often occurs in essentially pure stands on hummocks. Associated with Prosopis is Muhlenbergia porteri and Seteria macrostachya. Suaeda sp. occurs on a sporadic basis on hummocks. Deflated portions of the location host Gutierrezia serotina, Salsola kali, Euphorbia sp. and Rumex sp.