

Floristics

The local floral assemblage is dominated by a low understory of forbs and grasses. Principal forbs include Phacelia sp., Erigeron sp., Zinnia acerosa, Oenothera sp., Nama sp., Plantago sp., Chamaesaracha sp., Solanum sp., Suaeda sp., Euphorbia sp., and Gaillardia sp. While distributed over much of this landform, grasses tend to predominate in swalelike depressions. Observed forms include Aristida sp., Hilaria spp., and Setaria sp.

Cultural Resources

No cultural resources were recorded during this reconnaissance. Locally, archaeological resources tend to occur near the bluffs overlooking Monument Draw or else occur in heavily duned localities on South Plain. Resources most typically belong to the Archaic period but also include Paleo-Indian and Jornada Mogollon remains.

Recommendations

NMAS recommends clearance for South Mattix Well No.35 and suggests that work-related activities proceed in accordance with existing plans.

South Mattix Well No.36

Location

This location will measure 450 X 450 ft on lands with private surface and federal minerals and will be situated 990 ft from the north line and 2310 ft from the east line of:

Section 22, T24S, R37E, NMPM, Lea County, NM

Thus it will be situated in the: