

Abronia sp., Dithyrea sp., Euphorbia sp., Croton sp., Eriogonum sp., Hymenoxys sp., Mentzelia sp., and Hedyotis humifusa.

Grasses are represented principally by Aristida sp., Sporobolus sp., and Cenchrus incertus.

Cultural Resources

No archaeological sites were recorded during this reconnaissance; however, NMAS did observe an isolated manifestation immediately south of the southwestern corner of the location. Associated remains consist of a light scatter of chert quartzite, and anhydrous quartz primary and secondary decortication flakes associated with burned caliche. Without exception, resources are confined to a single, linear-shaped, deflation basin.

Recommendations

NMAS recommends clearance for Amoco Production Company's proposed AB Federal Well No.1 location and access road and suggests that work-related activities proceed in accordance with company plans.

Mellis Federal "C" Gas Com Well No.1

Location

This Amoco Production Company proposed location will measure 450 X 450 ft on federal lands and will be situated 1080 ft from the north line and 660 ft from the east line of:

Section 8, T19S, R33E, NMPM, Lea County, NM

Thus it will be situated in the:

SE1/4, Section 8, T19S, R33E, NMPM, Lea County, NM

The associated access road will measure 12 X 1500 ft and will be situated in the: