

INTRODUCTION

The Agency of Conservation Archaeology, Eastern New Mexico University, Portales, recently completed an archaeological reconnaissance southeast of Eunice, Lea County, New Mexico, on lands administered by the Bureau of Land Management. The areas surveyed will be impacted by the construction of companion wells and drill pads.

The survey was initiated at the request of Amoco Production Company and was administered by Mr. Kenneth Brand, representative for Amoco Production Company, and Dr. J. Loring Haskell, Operations Director and Principal Investigator, Agency of Conservation Archaeology, Eastern New Mexico University, Portales.

The survey was accomplished by Rodrick B. MacLennan on 22 June 1977 under Federal Antiquities Permit No. 77-NM-021.

SURVEY TECHNIQUE

The survey was completed by the archaeologist walking a series of transects in a zigzag pattern the length and breadth of the drill pad. This technique permitted optimal examination of the areas of primary and secondary impact.

South Mattix Unit #29

LOCATION

The drill pad will measure 400 ft by 400 ft and will be centered in the:

SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 22, T24S, R37E, NMPM, Lea County, New Mexico (BLM)

Map Reference: USGS Jal Northwest Quadrangle, 7.5 minute series.

TERRAIN

Local terrain consists of a salt plain characterized by desert pavement.

FLORISTICS

The areal floral assemblage consists of unidentified grasses with Yucca spp.,

Ephedra spp., and Opuntia spp.

CULTURAL RESOURCES

No cultural resources were recorded during this reconnaissance.

RECOMMENDATIONS

ACA recommends clearance for the proposed drill site and suggests that construction proceed without modification of existing plans.

South Mattix Unit #28

LOCATION

The drill pad will measure 400 ft by 400 ft and will be centered in the:

NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 22, T24S, R37E, NMPM, Lea County, New Mexico (BLM)

Map Reference: USGS Jal Northeast Quadrangle, 7.5 minute series.

TERRAIN

Local terrain consists of a flat plain characterized by a desert pavement.

FLORISTICS

The areal floral assemblage consists of unidentified grasses with Yucca spp., Ephedra spp., and Opuntia spp.

CULTURAL RESOURCES

No cultural resources were recorded during this reconnaissance.

RECOMMENDATIONS

ACA recommends clearance for the proposed drill site and suggests that construction proceed without modification of existing plans.