

INTRODUCTION

ACA recently completed an archaeological reconnaissance of a $\frac{1}{4}$ -section oil lease for Nelson Muncy in Eddy County, New Mexico. The reconnoitered area will eventually be impacted by the construction of several oil well pads and access roads.

This project was performed under Federal Antiquities Permit No. 79-NM-049 and was administered by Mr. Nelson Muncy and Dr. Peter S. Miller, Director ACA. The survey was conducted under good weather conditions on 26 October 1979, by Dean Wilson and Carl Johnson, ACA archaeologists. A search has been made of the National Register and no properties have been listed for the surveyed area. This report was prepared by the Portales Office of ACA.

SURVEY TECHNIQUE

The surveyed area was reconnoitered by means of a series of fifty-foot wide parallel transects, spaced approximately 100 feet apart. Each transect was walked in a tightly spaced zigzag pattern. This method insured that any archaeological resources exposed on the surface would have the maximum chance for observation.

Muncy Federal No. 1

LOCATION

The surveyed Oil Lease measures 2640 X 2640 feet and encompasses the:

NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T17S, R27E, N4PM, Eddy County, NM (BLM)
NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T17S, R27E, N4PM, Eddy County, NM (BLM)
SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T17S, R27E, N4PM, Eddy County, NM (BLM)
SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T17S, R27E, N4PM, Eddy County, NM (BLM)

Map Reference: USGS Red Lake Quadrangle, 7.5 Minute Series, 1955
(Figures 1 and 2).

TERRAIN

The surveyed area is located in the Pecos River valley, 9 miles east of Artesia, New Mexico. The area consists of the plain like surface of a river terrace which generally declines to the northwest. The survey area is bounded on three sides by branches of Hart Canyon, the main canyon lies to the north of the survey area. The elevation in this vicinity varies from 3486 to 3525 feet.

The soils in the area are loamy sands. Lithic content within this soil is comprised of moderate amounts of fragmented caliche, gypsum and selenite. Taxonomically this soil can be classified as a member of the Paleorthids-Haplargids association.