

INTRODUCTION

An archaeological reconnaissance was recently completed by the Agency of Conservation Archaeology, Eastern New Mexico University, Portales, for Amoco Production Company in Eddy County, New Mexico. The survey area will be impacted by the construction of a drill site and access road. This project was completed under Federal Antiquities Permit No. 77-NM-021.

The project was administered by Mr. Ray Cox and his field representatives, Mr. Kenny Brand and Mr. Randy Atkins, and Dr. J. Loring Haskell, Director, Agency of Conservation Archaeology, Eastern New Mexico University, Portales.

The field reconnaissance was completed by Patricia A. Hicks and Karen L. Swanson on 14 October 1977.

SURVEY TECHNIQUE

The archaeologists accomplished the reconnaissance by walking the length and breadth of the proposed access road right-of-way in a zigzag pattern, and walking the perimeter of the proposed drill pad location, as well as the drill location itself, in a series of 20 ft transects. These techniques permitted optimal conditions for the examination of areas of primary and secondary impact.

Empire South Deep Unit No. 17

Location

The proposed drill site location dimension measures 450 ft X 450 ft. The proposed access road measures 12 ft in width and 700 ft in length. The drill location and access road are located in the:

NW $\frac{1}{4}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 4, T18S, R29E, NMPM, Eddy County, New Mexico.

Map Reference: USGS Red Lake SE, 7.5 Minute Series.