

INTRODUCTION

An archaeological reconnaissance was conducted recently by the Agency for Conservation Archaeology, Eastern New Mexico University, Portales, for Amoco Production Company in Lea County, New Mexico. The area surveyed will be impacted by the construction of drill locations and access roads. The project was performed under Federal Antiquities Permit No. 78-NM-015.

The project was administrated by Mr. Bob Couch, representative of Amoco Production Company, and Dr. J. Loring Haskell, Director and Principal Investigator, Agency for Conservation Archaeology, Eastern New Mexico University.

Douglas D. Dykeman conducted the reconnaissance on January 27, 1978.

SURVEY TECHNIQUE

Each drill location was walked in a series of zigzag overlapping 12 ft, transects. A 20 ft strip situated around each location was investigated as well in order to safeguard cultural resources, should they occur, against possible secondary impact. Proposed access roads were reconnoitered in a 30 ft, zigzag pattern. These techniques provided optimal conditions for the examination of areas of primary and secondary impact. Where necessary, deflation basins immediately adjoining locations and access roads were examined, even though, they were situated outside areas of secondary impact.

Gillully "B" Federal Well No. 18

Location

The proposed drill location measures 400 x 400 ft and is situated in the:

NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 21, T20S, R37E, NMPM, Lea County, New Mexico (BLM)

Map Reference: USGS Hobbs SW, 7.5 Minute Series, 1969.