

INTRODUCTION

The Agency for Conservation Archaeology, Eastern New Mexico University, Portales, recently completed an archaeological reconnaissance for Amoco Production Company in Lea County, New Mexico. The investigated areas will be impacted by the construction of two well pads, an associated access road, and an alternate access road. The project was administered by Mr. Bob Couch of Amoco Production Company, and Scott C. Schermer, Acting Director, ACA. The project was conducted on 30 August 1978 by Thomas F. Zale under Federal Antiquities Permit No. 78-NM-015.

SURVEY TECHNIQUES

The archaeologist accomplished the reconnaissance by walking a series of parallel, but zigzag, transects across the proposed drilling locations and by walking a tightly spaced, zigzag pattern over the length and breadth of the proposed access rights-of-way. These techniques permitted optimal conditions for the visual examination of the areas of primary and secondary impact.

Gillully "A" Federal No. 16

Location

The proposed drilling location measures 450 X 450 ft and is situated 2080 ft FEL and 840 ft FNL, placing it in the:

NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 24, T20S, R36E, NMPM, Lea County, New Mexico (BLM)

Access to the location will be via an existing lease road.

Map Reference: USGS Monument Quadrangle, 15 Minute Series, 1963.

Terrain

The proposed location is situated on a slightly undulating plain within Monument Draw. Locally, the topography is distinguished by small coppice dunes and shallow deflation basins. Additionally, two small playa basins occur in the vicinity.