

## Introduction

On 19 July 1979, New Mexico Archaeological Services, Inc., (NMAS), Carlsbad, undertook for Amoco Production Company, Hobbs, an archaeological reconnaissance of lands administered by the Bureau of Land Management in Lea County, New Mexico. Reconnoitered areas will be impacted by the construction of drill locations, accompanying access roads, and modifications to existing ranch roads. This project was advanced by Mr. Bob Davis, Assistant Administrative Analyst, Amoco Production Company, and edited by Dr. J. Loring Haskell, Principal Investigator, NMAS. Dr. Haskell was assisted in the field by Mr. Charles A. Aylward, Staff Archaeologist, NMAS.

## Survey Technique

For this investigation Amoco's proposed locations were reconnoitered for evidence of man's past activities by walking them in a series of 20 ft wide, close interval ( $15^{\circ}$  or less), zigzag transects. In addition, an added zone embracing 20 ft on each side of the staked 450 X 450 ft locations, and hence lying outside their proposed work areas, was investigated by a similar means as was their access roads. As for the existing ranch roads, they were examined by walking them in two, 15 ft wide, close interval ( $15^{\circ}$  or less), zigzag transects. Methodologically, these procedures served to maximize the visual examination of areas to be impacted by construction-related activities.