

## Introduction

On 23 January 1980, New Mexico Archaeological Services, Inc., (NMAS), Carlsbad, undertook for AMOCO PRODUCTION COMPANY, Hobbs, an archaeological reconnaissance of federal lands administered by the Bureau of Land Management in Eddy and Lea Counties, New Mexico. Reconnoitered areas will be impacted by the construction of a drill location, an associated access road, and expansion of an existing quarry pit. This project was advanced by Mr. Bob Davis, Assistant Administrative Analyst, AMOCO PRODUCTION COMPANY, and administered by Dr. J. Loring Haskell, Principal Investigator, NMAS, Inc. This reconnaissance was undertaken by Mr. Charles A. Aylward, Research Associate, NMAS.

## Survey Technique

For this investigation, AMOCO PRODUCTION COMPANY's proposed location was reconnoitered for evidence of man's past activities by walking it in a series of 20 ft wide, close interval (15° or less), zigzag transects. In addition, an added zone embracing to 20 ft on each side of the staked 450 X 450 ft location, and hence lying outside the bounds of the proposed work area, was reconnoitered by a similar means as was the access road and the quarry pit. This zone extends backward from the edge of the pit, on each side, for a distance of 50 ft. Methodologically, this procedure served to promote optimal conditions for the visual examination of areas to be impacted by construction-related activities.

Federal A-1 Comm. Well No. 1

## Location

The proposed location will measure 400 X 400 ft on federal