

## Introduction

On 27 August 1979, New Mexico Archaeological Services, Inc., (NMAS), Carlsbad, undertook for General Exploration Company, Dallas, Texas, an archaeological reconnaissance of federal lands administered by the Bureau of Land Management in Lea County, New Mexico. Reconnoitered areas will be impacted by the construction of a drill location and modifications to existing ranch road. This project was advanced by Mr. James F. O'Briant, Engineer, Midland, Texas, and expedited by Dr. J. Loring Haskell, Principal Investigator, NMAS, Inc. Dr. Haskell was assisted in the field by Mr. Charles A. Aylward, Staff Archaeologist, NMAS.

## Survey Technique

For this investigation, General Exploration Company's proposed locations were reconnoitered for evidence of man's past activities by walking it 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 400 X 400 ft location, and hence lying outside the bounds of the proposed work area, was reconnoitered by a similar means as was the ranch road. Methodologically, this procedure served to promote optimal conditions for the visual examination of areas to be impacted by construction-related activities.

Pennzoil Federal Well No. 1

## Location

The proposed location will measure 400 X 400 ft on federal lands and will be situated 2180 ft from the south