

## Introduction

On 7 April 1989, New Mexico Archaeological Services, Inc., (NMAS), Carlsbad, (Permit Number: 14-2920-89-I), undertook for SUN EXPLORATION AND PRODUCTION COMPANY, an archaeological survey of federal land administered by the Bureau of Land Management in Eddy County, New Mexico. The reconnoitered area will be impacted by the construction of a drill location and its associated access road. These surveys were undertaken by Dr. Haskell.

## Survey Technique

For these investigations, SUN EXPLORATION AND PRODUCTION COMPANY's proposed location was reconnoitered for evidence of man's past activities by walking it in a series of 8.0 m wide, close intervals (15° or less), zigzag transects. In addition, an added zone extending 20 ft on each side of the staked 400 X 400 ft location, and lying outside the bounds of the proposed work area, was reconnoitered by a similar means. The access road was walked in two, 15 m wide transects. At its juncture with the existing lease road, the surveyed area was broadened to embrace an area measuring 100 X 150 ft. Lath is considered to be the center of the proposed road. Methodologically, these procedures served to promote optimal conditions for the visual examination of the area to be impacted by construction-related activities. Field work was conducted under sunny conditions with scattered, high level, cirrostratus and light westerly winds during mid-morning. Ground visibility ranges between 70 and 90%. Field time two hours.