

## INTRODUCTION

An archaeological reconnaissance was recently completed by the Agency for Conservation Archaeology, Eastern New Mexico University, Portales, for Amoco Production Company in Lea County, New Mexico. The areas will be impacted by the construction of three drill pads and accompanying access roads. The project was conducted under Federal Antiquities Permit No. 78-NM-015 and was administered by Mr. Bob Couch, Amoco Production Company, and Scott C. Schermer, Acting Director, ACA. The reconnaissance was completed by Willem Sweetland on 17 August 1978 under excellent field conditions.

## SURVEY TECHNIQUES

The area of the well pads was inspected by means of a series of closely spaced parallel transects walked completely across the proposed location, and supplemented by a check of likely areas within the survey zone. The access roads were inspected by means of a close-interval, zigzag pattern walked across their length and breadth. These methods provided optimal conditions for the examination of the zones of primary and secondary impact.

### South Maddox Unit No. 33

#### Location

The proposed well is located approximately 6.8 miles northeast of Jal, New Mexico and approximately 3 miles east of NM 18. The proposed pad measures 450 X 450 ft and is in the:

SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 15, T24S, R37E, NMPM, Lea County, New Mexico (BLM)

The well will be approached by means of an access road measuring 12 X 200 ft located in the:

SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 15, T24S, R37E, NMPM, Lea County, New Mexico (BLM).

Map Reference: USGS Jal NW Quadrangle, 7.5 Minute Series, 1969.