

INTRODUCTION

An archaeological reconnaissance was recently completed by the Agency for Conservation Archaeology, Eastern New Mexico University, Portales, New Mexico, for Southland Royalty Company in Eddy County, New Mexico. The reconnoitered area will be impacted by the construction of two well pads and their associated access rights-of-way. The project was administered jointly by Mr. Wayne Grubb of Southland Royalty Company and Dr. Peter S. Miller, Director, Agency for Conservation Archaeology. This report was prepared by the Roswell Office of ACA, Rodrick MacLennan, Manager.

The field work was conducted on November 2, 1979 by Rod MacLennan. Good field and weather conditions prevailed throughout the course of this reconnaissance. This survey was completed under Federal Antiquities Permit No. 79-NM-049. A search of the National Register has been made and properties within this area are not listed on the Register.

SURVEY TECHNIQUES

Visual inspection of the well pads was completed by walking a series of parallel transects. Each transect was covered in a tightly spaced zigzag pattern. All access roads were examined as individual transects, with tightly spaced zigzag patterns covering their length and breadth. The distance between transects was 20 feet. These methods maximized the opportunity of observing any cultural resources within or near the proposed area of impact.

Empire Federal No. 1

Location

The proposed well pad and associated access road are located 10 miles southwest of Loco Hills, New Mexico, in the Pecos River Valley. The pad measures 400 X 400 feet and the access line measures 15 X 400 feet. They are situated as follows:

Pad

NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 27, T18S, R29E, NMPM, Eddy County, New Mexico (BLM)

Access

NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 27, T18S, R29E, NMPM, Eddy County, New Mexico (BLM)

Map Reference: USGS Oil City Quadrangle, 15 minute series, 1938
(see Figures 1 & 2).

Terrain

The proposed well pad and access line are located in the Pecos River Valley and are in Falmilla Draw. The survey area is overlain by a field of small coppice stabilized dunes. The elevation in the area is approximately 3450 feet.