

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 caliche pits. The project was administered jointly by Mr. 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, Rod MacLennan, Manager.

The field work was conducted on November 7, 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 TECHNIQUE

The survey was reconnoitered by walking a series of transects spaced 15 feet apart, with a mild zigzag pattern around the edge of the existing caliche pits. This method maximized the opportunity of observing any cultural resources within or near the proposed area of impact.

LOCATION

The proposed caliche pit is located 6.5 miles east of Lakewood, New Mexico, near the Pecos River Valley. The pit measures 440 X 460 feet and is situated as follows:

NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 22, T19S, R27E, NMPM, Eddy County, New Mexico (BLM)
SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 22, T19S, R27E, NMPM, Eddy County, New Mexico (BLM)
NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 22, T19S, R27E, NMPM, Eddy County, New Mexico (BLM)
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 22, T19S, R27E, NMPM, Eddy County, New Mexico (BLM)

Map Reference: USGS Lake McMillan North Quadrangle, 7.5 minute series, 1955
(see Figures 1 & 2).

TERRAIN

The proposed caliche pit is located near the Pecos River Valley and is .75 miles west-northwest of Dagger Draw. It is situated on a plain overlooking the Pecos River Valley. The elevation in the area is 3503 feet.

The soils encountered in the area are predominantly sandy loams. Lithic inclusions within this soil consist of approximately 80% fragmented caliche pebbles. Taxonomically, this soil can be classified as a member of the Paleosol-Haplargid association.