

Introduction

On 12 November 1989, New Mexico Archaeological Services, Inc., (NMAS), Carlsbad, (Permit Number: 14-2920-89-I), undertook for ORYX ENERGY COMPANY, an archaeological survey of federal land administered by the Bureau of Land Management in Lea 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, ORYX ENERGY 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. 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 clear, sunny and calm conditions during the late morning. Ground visibility ranges between 75 and 90%. Field time 1½ hours.

Double X Deep Federal "16" Well No. 1

Location

The proposed location will measure 400 X 400 ft (actual area surveyed 4.44 acres) on federal land and will be situated 660 ft from the north line and 1980 ft from the east line.