

OCT 1 6 1979



**NMAS**

**New Mexico Archaeological Services, Inc.**

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*Reconnaissance  
Excavation  
Analysis  
Explanation  
Curation*

12 October 1979

Mr. Oley Hedrick  
Partner  
Campbell and Hedrick  
P.O. Box 401  
Midland, Texas 79702

Dear Mr. Hedrick:

Enclosed please find NMAS' Archaeological Clearance Report for Campbell and Hedrick's proposed Elliott Well No. 2 and access road in Lea County, New Mexico. No cultural resources were recorded during this reconnaissance, and hence NMAS is suggesting clearance for this project.

If you have any questions pertaining to our report, please call my office. Thank you for asking NMAS to do this reconnaissance.

Yours sincerely,

*Jr. Anita Alate*  
Dr. J. Loring Haskell  
Principal Investigator

Enclosed

cc: Mr. Thomas Zale, BLM, Carlsbad  
Ms. Ann Ramage, BLM, Roswell  
Mr. Jim Simms, USGS, Hobbs  
Mr. Curtis Schaafsma, Laboratory of Anthropology,  
Santa Fe  
Mr. Thomas W. Merlan, SHPO, Santa Fe

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Archaeological Clearance Report

for

Campbell and Hedrick

Elliott Well No. 2

Prepared

By

Dr. J. Loring Haskell

Submitted

By

Dr. J. Loring Haskell  
Principal Investigator  
New Mexico Archaeological Services Inc.  
Carlsbad, New Mexico

12 October 1979

Permit No. 79-NM-166

## Introduction

On 11 October 1979, New Mexico Archaeological Services Inc., (NMAS), Carlsbad, undertook for Campbell and Hedrick, Midland, an archaeological reconnaissance of federal lands 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 associated access road. This project was advanced by Mr. Oley F. Hedrick, Partner, and expedited by Dr. J. Loring Haskell, Principal Investigator, NMAS, Inc.

## Survey Technique

For this investigation, Campbell and Hedrick's proposed location was reconnoitered for evidence of man's past activities by walking it in a series of 20 ft wide, close interval (15° or less), zigzag transects. In addition, an added zone embracing 20 ft on each side of the staked 400 X 400 ft location, and hence lying outside the bounds of the proposed work area, was reconnoitered by a similar means as was the access road. Methodologically, this procedure served to promote optimal conditions for the visual examination of areas to be impacted by construction-related activities.

Elliott Well No. 2

## Location

The proposed location will measure 400 X 400 ft on federal lands and will be situated 1828.20 ft from the north line and 990 ft from the east line of:

Section 6, T23S, R38E, NMPM, Lea County, NM

Thus it will be situated in the:

SE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 6, T23S, R38E, NMPM, Lea County, NM

The associated access road will measure 12 X 250 ft and will be situated in the:

SE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 6, T23S, R38E, NMPM, Lea County, NM

Map Reference: USGS EUNICE SE QUADRANGLE, 7.5 Minute Series, 1969.

### Terrain

The proposed location is situated on the westward trending slope of a low ridge due east of Monument Draw. In general, the investigated area is subject to heavy sheetwash. Soils are composed of clay loams and silty clay loams and are compacted and fine-grained. Soil individuals are intergrades of the Typic Paleorthid subgroup and contain gravel-sized caliche inclusions.

### Floristics

Prosopis juliflora has been a major feature of the local floral overstory in the past and young specimens of this plant are presently reoccurring locally. Forbs include Cryptantha sp., Croton sp., Perzia nana, Senecio longilobus, Haploesthes greggii, and several unidentified compositae. The grasses are represented by Bouteloua sp., Tridens pulchellus, Setaria macrostachya, Muhlenbergia sp., Sporbolus sp., Aristida sp., and Chloris virgata. The cactus Opuntia (platyopuntia) sp. occurs on a sporadic basis.

### Cultural Resources

No archaeological resources were recorded during the course of this reconnaissance. In general, there are several factors which contribute to the lack of cultural material in the investigated area. Among these are: The open and windswept nature of the terrain which provides no shelter from the elements, the lack of potable water close-

by, and the lack of lithic materials suitable for stone tool manufacture.

#### Recommendations

NMAS recommends clearance for Campbell and Hedrick's proposed Elliott Well No. 2 and its access road and suggests that work-related activities proceed in accordance with company plans.