

13. Location & Area: (Maps Attached if negative survey)

- a. State - New Mexico
- b. County - Eddy
- c. BLM District: Roswell
Resource Area: Carlsbad
- d. Nearest City or town: Carlsbad, NM
- e. Location: T23S, R31E, Sections 1 and 12, NMPM, Eddy County, NM

The proposed 1,280 acre archaeological block survey entirely encompasses two standard 640 acre Sections of land.

- f. 7.5' Map Name(s) and Code Numbers(s): Bootleg Ridge, NM (1984)[32103-C6]
- g. Area Block Impact: unknown, within two standard 640 acre sections
Surveyed: 1,280 acres
Linear Impact: N/A
Surveyed: N/A

14. a. Records Search: BLM and ARMS prefield literature searches conducted by Chris Owens on March 15, 1997. These record searches revealed the locations of two (2), previously recorded archaeological sites within a .25 mile radius of the project area (Sections 1 and 12), including LA 5464, and LA 49289. Both of these sites, LA 5464 and LA 49289 lie within 500' of the proposed project area, however, neither of these sites lie within the project area, therefore will not be impacted by oil and gas development: see Figure 2[FOR BLM USE ONLY].

Location: BLM and ARMS

Date: 3-15-1997

List by LA# All sites within .25 miles of the project: These record searches revealed the locations of two (2), previously recorded archaeological sites within a .25 mile radius of the project area. Both of these sites, LA 5464 and LA 49289 lie within 500' of the proposed project area, however, neither of these sites lie within the project area, therefore will not be impacted by oil and gas development.

(Those sites within 500' are to be shown on the project map) LA 5464; LA 49289

b. Description of undertaking:

Class III pedestrian block survey

c. Environmental Setting (NRCS soil designation; vegetative community; etc.)

Vegetation -shin oak, mesquite, yucca, sage, creosote, chinchweed, snakeweed, prickly pear, Mormon tea, sand burr, little-leaf horsebrush, devil claw, walking stick and pencil cholla, Russian thistle, abundant assorted grasses, wildflowers, forbs, and edaphic plants.

Topography -The proposed project area consists of low, moderate and high relief, stabilized to slightly active dunal plains, complexes, coalesced dunal basins and subsided dunal basins or catchments with mesquite stabilized dunal hummocks rising 1-1.5 meters above deflated surfaces and exposed Paleosol Horizons. Deflated surfaces contain abundant caliche gravel deposits as well as siliceous gravels of the Dockum Group.

Soils -range from mostly: Kermit-Berino Association: Sandy, deep soils from wind-worked mixed sand deposits, to Pyote-Maljamar Association: gently undulating and rolling, deep, sandy soils, to some occurrence of Simona-Tonuco Association: nearly level and gently undulating, loamy and sandy soils that are shallow to indurated caliche.

d. Field Methods:

Transect Intervals: straight and zig-zag transects, spaced not greater than 15 meters apart.

Crew Size: 4

Time in Field: approximately 40 hours.

Collections: n/a