

5. Findings:

Records searches of Carlsbad B.L.M. and A.R.M.S. were conducted on 12/2/02 by R.C. Medlock. LA 32245?, LA 38821, LA 38822, LA 43322, and LA 75429 are within 0.25 miles of the project. On the B.L.M. previous sites quad map, the location of LA 32245 is noted as uncertain.

One previously recorded site, LA 38821, was updated. One isolated manifestation was also found.

LA 38821

Previously recorded site

BLM Category 2; It previously has been determined eligible to the National Register of Historic Places by S.H.P.O..

Construction of the entire 500' x 500' well pad would destroy @ 15% of the site, including probable dateable features.

Location: T17S, R31E, Sec. 17: SW ¼ NE ¼ NE ¼

Map Reference: USGS 7.5' Series: Loco Hills, NM (Provisional Edition 1985) 32103-G8

UTM: Zone 13; 604290E, 3633800N

Land Ownership: United States of America

Site Dimensions: 125 x 85 meters

Cultural Affiliation: Unspecific Mogollon

Site/Component Type: Features and artifact scatter

LA 38821 consists of several burned caliche concentrations which are probably hearths, and an artifact scatter. Subsurface deposits are present. The site measures 125 x 85m. It is in an area of tall dunes and deep blowouts. Deposits appear to be present in the dunes; some of the probable reasonably intact hearths appear to have subsurface deposits. Erosion of the tall dunes is gradually relocating the archaeological deposits. Vegetation consists of shin oak, sagebrush, and yucca. Cultural/temporal affiliation is unspecific Mogollon, based on a single Jornada brownware.

The site is covered by a sparse to dense burned caliche scatter. There are several reasonably well delimited dense concentrations with darker soil in them. These are probably hearths, but their integrity is unknown. The artifact assemblage is predominately debitage; there are 5 cores, 1 mano, 7 groundstone fragments, and 1 Jornada brownware.

Construction of the entire 500' x 500' well pad would destroy @ 15% of the site, including probable dateable features.

LA 38821 is a B.L.M. Category II site. It was previously determined eligible to the N.R.H.P. by S.H.P.O. on 28/9/97. The site should be avoided by confining construction to the north side of the lease road in the vicinity of the site.

Isolated Manifestation #1

T17S, R31E, Sec. 17: NE ¼ NE ¼ NE ¼ UTM Zone 13; 604370E, 3633933N

Burned caliche concentration consisting of @ 60 pieces up to 150mm in length, measuring 10 x 6m. It is a badly eroded hearth on the side of a blowout and not in-situ. No ash or stains were found in trowel tests.