

g. Area: Block:

Impact: 200' X 200'

Surveyed: 400' X 400'

Linear: 50' X 1315'

Surveyed: 100' X 1315'

14. a. Records Search:

Location: ARMS HPD.
BLM Carlsbad

Date: February 11, 2001

Date: February 12, 2001

List by LA # All sites within .25 miles of the project: None

b. Description of Undertaking:

The proposed Shugart "25" Federal Number 2 well location, is staked 1250 ft FNL and 660 ft FWL in Section 25, T.18S., R.31E. The impact area for the proposed well location is an area 200 ft by 200 ft. The proposed access road is 1315 ft long with an impact area of 50 ft by 1315 ft. The proposed access road begins on an existing lease road and trends 965 ft northeast, then trends 350 ft northwest, ending on the southeast corner of the proposed well location.

c. Environmental Setting NRCS soil designation: vegetative community: etc.:

The project area is located on a dunal plain with loose tan sands with few exposures. Vegetation consists of shinoak, sandsage, mesquite, yucca, and various grasses. The elevation is 3678'.

d. Field Methods: Transect Intervals: 8 zig zag transects across well pad, 50-ft zig zag intervals across the staked corridor.

Crew Size: 1

Time in Field: 1.5 hours

Collections: NONE

15. Cultural Resource Findings:

a. Identification and description: (Location shown on project map)

During the current survey, 1 isolated find (I.O. 1) was encountered.

Isolate number one consists of 1 piece of fist sized burned caliche in a 9 by 9 m deflation basin. Vegetation consists of shinoak, sandsage, mesquite, yucca, and various grasses. I.O. 1 was found in the SW1/4NE1/4NE1/4SW1/4NW1/4 in section 25, T. 18S., R.31E.