

14. a. Records Search:

Location: ARMS HPD.
BLM Carlsbad

Date: January 18, 2000

Date: January 19, 2000

List by LA # All sites within .25 miles of the project: LA 76495, LA 75431, LA 34366, LA 49436, LA 64962, LA 102548, LA 76480

b. Description of Undertaking:

The proposed Atalaya Federal Number 3 well location is staked in Section 35, T.17S., R.30E at 1175 ft FSL and 430 ft FWL. The impact area for the proposed well location is an area of 200 ft by 200 ft. The proposed access road is 575 ft long with an impact area of 50 ft by 575 ft. The proposed access road begins at an existing lease road and trends 575 ft south-southwest to the northwest corner of the proposed well location.

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

The area is of prominent dunes 1-2 m tall, deep deflation basins with loamy sands. The area is covered in shin oak, yucca, sand sage and various grasses.

d. Field Methods:

Transect Intervals: 8 zigzag transects across well pad and 50 ft intervals over staked corridor.

Crew Size: one

Time in Field: 8 hours

Collections: NONE

15. Cultural Resource Findings:

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

Isolate one consists of one piece of impure gray chert angular debris, measuring 4 x 3 x 2 cm in size. Located in 1 m tall dunes, with vegetation consisting of shin oak and grass. Found in the SE1/4SW1/4NW1/4SW1/4SW1/4, in Section 35, T.17S., R.30E.

Isolate two consists of one piece of golf ball size burned caliche, two pieces of brown sandstone metate fragments measuring 4 x 3 x 1 x cm and 2 x 2 x 1 cm in size. The isolate was located in a 3 m area in a 20 x 40 m deflation basin with 1 m dunes. Vegetation consists of shin oak and grass. Found in the SW1/4NW1/4NE1/4SW1/4SW1/4, in Section 35, T.17S., R.30E