

f. 7.5' Map Name(s) and Code Number(s):

USGS Martha Creek, NM (1978) 32103-G8

g. Area: Block: surveyed: 600' X 600'

Impact: 200' X 200'

Linear: Surveyed: 200' X 500'

Impact: 50' X 500'

14. a. Records Search:

Location: ARMS HPD.
BLM Carlsbad

Date: October 18, 2002

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List by LA # All sites within .25 miles of the project: NM-06-5630

b. Description of Undertaking:

The proposed Old Ranch Knoll "8" Number 9 well location is staked 810 ft FSL and 350 ft FEL in Section 8, T.22S., R.24E. The impact area for the proposed well location is an area 200 ft by 200 ft. An area of 600 ft by 600 ft was surveyed for the proposed well location. The proposed access road is 500 ft long with an impact of 50 ft by 500 ft. The proposed access road begins on an existing lease road and trends 500 ft northwest, ending on the southeast corner of the proposed well location.

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

The project is located on a rocky limestone hill/ridge and slopes with a western-eastern exposure. Drainage on the north end is west-east trending. Soils are very thin gray sandy silt overlaying limestone outcrops. Vegetation consists of cat claw, holly, gyp coldenia, juniper, sage, yucca, cholla, prickly pear, grasses, snakeweed, creosote, sotol, bear grass, and agave. The elevation is 4,086 ft.

d. Field Methods: Transect Intervals: 12 parallel transects across well pad
15 ft intervals over staked right of way

Crew Size: 1

Time in Field: 2.5 hours

Collections: NONE

15. Cultural Resource Findings:

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

During the current survey, no cultural resources were encountered.