

**g. Area: Block:**

Impact: 200' X 200'

Surveyed: 400' X 400'

Linear: 50' X 1,133'

Surveyed: 100' X 1,133'

**14. a. Records Search:**

**Location:** ARMS HPD.  
BLM Carlsbad

Date: April 12, 2002

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

**b. Description of Undertaking:**

The proposed Strawberry "7" Federal Number 2 well location is staked 1,300 ft FNL and 1,750 ft FEL in Section 7, T.19S., R.31E. The impact area for the proposed well location is an area 200 ft by 200 ft. An area of 400 ft by 400 ft was surveyed. The proposed access road is 1,133 ft long with an impact area of 50 ft by 1,133 ft. The proposed access road begins on an existing lease road and trends northeast 1,133 ft ending on the southwest corner of the proposed well location.

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

The project area is grazed and cattle trails cut through the well pad. Soils are reddish eolian sands with caliche lag gravels and lag gravels of the Ogallala Formation (cherts, petrified wood, quartzites). Vegetation consists of grass, creosote, and schadscale. The elevation is 3,492 ft.

**d. Field Methods: Transect Intervals:** 8 zig zag transects across well pad.  
15 m 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)**

Isolate number one consists of one bi-directional maroon quartzite core, exhibiting 40% cortex, no use or wear, measuring 9 x 6 x 5 cm. Found in the NE1/4SE1/4NW1/4SW1/4NE1/4 of Section 7, T.19S., R.31E.

Isolate number two consists of 3 fist size pieces of burned caliche. Probes were negative. Located in an 11 x 2 m area in sandy soils. Found in the SE1/4SW1/4SE1/4NW1/4NE1/4 of Section 7, T.19S., R.31E.