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g. Area: Block:Impact: 200' X 200'Surveyed: 600' X 600'Linear: 00' X 000'Surveyed: 000' X 000'**New Acres**100' X 600' = 1.37 acres250' X 500' = 2.86 acres**14. a. Records Search:****Location:** ARMS HPD.
BLM Carlsbad**Date:** January 10, 2002**Date:** January 11, 2002

List by LA # All sites within .25 miles of the project: LA 125,281, LA 130,808, LA 107,903, LA 108,531, LA 127,183, LA 72,390

b. Description of Undertaking:

The proposed Old Ranch Canyon Federal "7" Number 6 alternate well location is staked 2,071 ft FNL and 30 ft FEL in Section 7, 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 alternate well location. An existing lease road will access the proposed alternate well location.

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

The project is located in on the west slope of Azotea Mesa in an alluvial slope consisting of limestone clasts and lag gravels of caliche. Inventory areas have deep sandy silty soils that support vegetation of one seed juniper, crucifixion thorn, cholla, algerita bush, creosote, claw acacia, broom-snakeweed, and range grasses. The area has several grazed cattle trails. The elevation is 4,063 ft.

d. Field Methods: Transect Intervals: 8 zig zag transects across well pad.**Crew Size:** 1**Time in Field:** 2 hours**Collections:** NONE**15. Cultural Resource Findings:****a. Identification and description:** (Location shown on project map)

Isolate number one consists of one gray core chert fragment, with no cortex, measuring 2 x 2 x 2 cm, one complete gray chert flake, no use or wear, measuring 1 x 1 x 0.5cm, one core fragment of gray chert, exhibiting a collapsed platform, no use or wear, measuring 2 x 2 x 1 cm, located in a 16 m west of the 400 x 400 well pad location. Found in the NW1/4NE1/4SE1/4SE1/4NE1/4 of Section 7, T.22S., R.24E.