

14. a. Records Search; ARMS: Date(s): 4-10-01 Name(s): D. Boone

BLM Office: Date(s): 4-10-01, 6-20-01

Name(s): D. Boone

List Sites within .25 miles of Project: LA 75557, LA 75558

Show sites within 500' on Project Map

b. Description of Undertaking:

The project is a pad for an oil well. The proposed pad has an existing north to south caliche capped road in the eastern portion, an east to west caliche capped road in the southern portion and a north to south pipeline and powerline in the western portion. Acreage was estimated by subtracting these projects. A small portion of the site boundary of LA 75558 is within the SE corner as presently staked, this area is where the north to south and the east to west caliche capped roads junction.. LA 75558 was updated by GM-I, report No. 258-EP, dated 12-18-00, BLM report No. 00-341. On 5-31-01 Danny Boone met with Rose Maria Havel of the Carlsbad BLM at the location to discuss how to complete the project and protect the cultural resources of LA 75558. Recommendations were that the layout of the pad be reversed with the pits being in the southeast portion of the location instead of the northwest, all impact south and east of the drill hole be limited to the north side of the caliche capped road, a barrier fence be erected west for 150' from the junction on the north side of the east to west caliche capped road, the stinger be placed to the west, all impact east and south of the drill hole be limited to the east side of the north to south caliche capped road, a barrier fence be erected north for 150' from the junction along the east side of the north to south caliche capped road (see attached detail) and an archaeological monitor is present during all surface disturbing activities. Access will be via the existing caliche capped road.

c. Environmental Setting (NRCS soil designation; vegetative community; etc.):

The project is situated on the north facing side of a dune covered caliche hill. Vegetation is sparse and consists primarily of juniper, hackberry and mesquite hummocks, acacia, yucca cactus, cat claw, prickly pear cactus, creosote, broom snakeweed, various grasses and other flora.

NRCS: Simona-Pajarito association: sandy, deep soils and soils that are shallow to caliche; from wind-worked deposits.

d. Field Methods:

A grid of parallel transects spaced 15 meters or less.

15. Cultural Resource Findings:

a. Identification and description

T 21 S, R 27 E Sec. 28, NE SW SE NW; IM No. 1;

one chert projectile point, lanceolate shape, side notched, basally thinned, 2.7 cm long, 2.0 cm wide at shoulders, illustrated and collected.

T 21 S, R 27 E, SE NW SE NW; IM No. 2 consists of one biface and one bifacial thinning flake;

one chert biface, step termination, crushed platform, 10% cortex, 50 x 35 x 9 x 6 mm;

one chert bifacial thinning flake, chert, platform remnant, successful termination, 0% cortex, 12 x 7 x 2 mm.

16. Management Summary (Recommendations):

Archaeological clearance for Snow Oil & Gas, INC's proposed pad for the Elizando Fed. well No. 2 in Section 28, T21S, R27E, NMPM, Eddy County, NM as presently staked is recommended provided that the layout of the pad be reversed with the pits being in the southeast portion of the location instead of the northwest, all impact south and east of the drill hole be limited to the north side of the caliche capped road, a barrier fence be erected west for 150' from the junction on the north side of the east to west caliche capped road, the stinger be placed to the west, all impact east and south of the drill hole be limited to the east side of the north to south caliche capped road, a barrier fence be erected north for 150' from the junction along the east side of the north to south caliche capped road (see attached detail) and an archaeological monitor is present during all surface disturbing activities. All activities should be stopped and the BLM archaeologist notified immediately if any cultural resources are encountered at any time.

I certify that the information provided above is correct and accurate and meets all appreciable BLM standards.

Responsible Archaeologist

Signature

Date