

OXY USA WTP, LP's Proposed Pistachio RSG Federal Com No. 1 Well Pad in Eddy County, NM.

Map References, USGS 7.5' Series: Loco Hills, NM (Provisional Edition 1985) 32103-G8
GEO-MARINE, INC. report No. 646EP
NMCRIS No. 81258

OXY USA WTP, LP
Levelland, Tx 79336

Attention:
Mr. Dusty Weaver

1. Introduction:

An intensive archaeological survey of OXY USA WTP, LP's Pistachio RSG Federal Com No. 1 well pad in Section 17, T17S, R31E, Eddy County, NM was conducted on 12/2/02 by R.C. Medlock. One previously recorded site, LA 38821, was updated. It previously has been determined eligible to the National Register of Historic Places by S.H.P.O.. One isolated manifestation, a burned caliche concentration, was also found. Archaeological clearance is recommended provided that the site is avoided by confining construction to the north side of the lease road in the vicinity of the site. Due to the presence of tall dunes over much of the location, monitoring of initial ground disturbing activities is also recommended. Total area surveyed was 8.31 acres.

2. Legal Description:

USGS 7.5' Series: Loco Hills, NM (Provisional Edition 1985) 32103-G8
Land Status: Federal
Location: T17S, R31E, Sec 17: NE 1/4 NE 1/4

3. Project Description:

The project consists of construction of a well pad. An access road is not needed because a lease road crosses the pad. A portion of an existing pad is within the 500' x 500'. Total area surveyed 8.31 acres and included the pad (5.74 acres) and archaeological site LA 38821 (2.57 acres).

NRCS: Kermit-Berino association: sandy deep soil.

Topography: South-facing slope; deep deflation basins over much of the location.

Vegetation: Shin oak, sagebrush, mesquite, yucca, cholla.

Visibility: 70% due to locally heavy ground cover.

Elevation: 3755-3775.

4. Examination Procedure:

Parallel transects of 15 meter intervals
Area Delineation: Staked by client
Weather: Clear, sunny
Lighting Conditions: Excellent
Work Hours on the Ground: 3.0
Crew Size: 1