

ARCHAEOLOGICAL SURVEY CONSULTANTS

on lands administered by the
Department of the Interior
Bureau of Land Management
Roswell District, New Mexico

CULTURAL RESOURCES EXAMINATION

ASC PERMIT NO.: 18-2920-96-K
ASC JOB NO.: 96-114; D.K. Boyd
Oil & Gas, Inc., Littman 8
Fed. Well No. 2 & Access Road

1. **ABSTRACT:** intensive archaeological survey of the D.K. Boyd Oil & Gas, Inc., Littman 8 Federal Well No. 2 (400 ft. square, 3.67 acres), and access road R/W (740 ft. long x 100 ft. wide, with a 150 ft. square delta, 1.87 acres), with a total New Mexico State Land Surface of 5.54 acres, was inspected for cultural remains.

Archaeological survey of the D.K. Boyd Oil & Gas, Inc., Littman 8 Federal Well No. 2 and Access Road R/W did not reveal any cultural resources. Therefore, archaeological **CLEARANCE** for the D.K. Boyd Oil & Gas, Inc., Littman 8 Federal Well No. 2 and Access Road R/W is **RECOMMENDED**.

2. **LEGAL LOCATION:** T21S, R38E, Section 8, NE $\frac{1}{4}$ SW $\frac{1}{4}$ [1980 FSL, 1980 FWL]. **ACCESS ROAD R/W LOCATION:** T21S, R38E, Section 8 (NE $\frac{1}{4}$ SW $\frac{1}{4}$; NW $\frac{1}{4}$ SE $\frac{1}{4}$). Lea County, New Mexico.

Map Reference: U.S.G.S. 7.5 minute series, EUNICE NE, NEW MEXICO, 1979.

Land Status: Split Estate, New Mexico State Land surface & Federal Minerals.

3. **PROJECT DESCRIPTION:** well pad (400 ft. square, 3.67 acres), and access road R/W (740 ft. long x 100 ft. wide, with a 150 ft. square delta, 1.87 acres), with a total New Mexico State Land Surface of 5.54 acres, was inspected for cultural remains.

TOPOGRAPHY: situated ca. 3.0 miles ENE of Monument Draw, within an extensive dune field, marked by EW trending dune ridges separated by linear swales between the ridges; dune rises of some height occur on the spine of the ridges. Deep, sloping deflation basins of large size occur on the ridges; the swales have shallow blowouts and rare deflation basins. The proposed well pad is close to the eastern perimeter of a dune field; dunes rise to the north, west, and south; the terrain is open and sloping to the east of the proposed well pad. Small dunes, ca. 1.0 m. to 1.5 m. high, occur in the NE quadrant and the NW quadrants of the well pad. The access road runs due east through a slightly undulating open area with very low relief; deflation processes are limited to shallow blowouts within this area; a low rise occurs to the south of the access road, at the extreme eastern end of the proposed road. Vegetation is sparse throughout the project area, and erosion of the surface is occurring, partially as a result of overgrazing. **Soils:** Kermit soils-Duneland terrain. **Permanent Water:** Monument Draw, ca. 3.0 miles W/SW. **Potential Water:** Baker Spring, ca. 3.04 miles SSE. **Elevation:** 3568 ft. to 3575 ft. **Slope:** 0.25° to 9.46°. **Aspect:** 360°. **Lithic Resources:** not available in the immediate vicinity. **Vegetation:** Grassland Formation, Shrub-grass community.

4. **EXAMINATION PROCEDURE:** straight and zig-zag transects, spaced no greater than 15 metres apart, with inspection of all deflation basins. **Work Hrs. on Ground:** 4.0. **Area Delineation:** staked by client. **Visibility:** ground, ca. 45% to 65% in deflation basins; weather, sunny.

5. **FINDINGS:** BLM records for Section 8 (T21S, R38E) do not indicate the prior recording of sites.

Archaeological survey of the D.K. Boyd Oil & Gas, Inc., Littman 8 Federal Well No. 2 and Access Road R/W did not reveal any cultural resources.

6. **RECOMMENDATIONS:** archaeological **CLEARANCE** for the D.K. Boyd Oil & Gas, Inc., Littman 8 Federal Well No. 2 and Access Road R/W is **RECOMMENDED**.

Date of Examination: November 9, 1996

Project Archaeologist: David W. Kayser

WKS for D.W.K.

Principal Investigator: *WKS*