

ARCHAEOLOGICAL SURVEY CONSULTANTS

CULTURAL RESOURCES EXAMINATION

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

Exhibit D

ASC PERMIT NO.: 18-2920-92-F  
ASC Job No.: 92-225; Merit Energy Company Sundance Federal Well No. 6 and Access Road R/

**1. ABSTRACT:** intensive archaeological survey of the Merit Energy Company Sundance Federal Well No. 6 (400 ft. sq., 3.67 acres), and access road R/W (920 ft. long X 100 ft. wide, 2.11 acres). A total federal land surface of 5.78 acres was inspected for cultural remains.

Archaeological survey did not reveal any cultural resources. Therefore, archaeological **CLEARANCE** for the Merit Energy Company Sundance Federal Well No. 6 and access road R/W is **RECOMMENDED**.

**2. LEGAL LOCATION:** T24S, R31E, Section 5, NW $\frac{1}{4}$ NW $\frac{1}{4}$  [660 FNL, 660 FWL]. **ACCESS ROAD R/W LOCATION:** T24S, R31E, Section 5: NW $\frac{1}{4}$ NW $\frac{1}{4}$  & NE $\frac{1}{4}$ NE $\frac{1}{4}$ . Eddy County, N.M.

**Map Reference:** U.S.G.S. 7.5 minute series, LOS MEDAÑOS, NEW MEXICO, 1985.  
**Land Status:** BLM, Roswell District, Carlsbad Resource Area, New Mexico.

**3. PROJECT DESCRIPTION:** well pad (400 ft. sq., 3.67 acres), and access road R/W (920 ft. long X 100 ft. wide, 2.11 acres). A total federal land surface of 5.78 acres was inspected for cultural remains.

**TOPOGRAPHY:** situated ca. 10.0 miles E of Salt Lake, & 5.5 miles east of Nash Draw, in an area of relatively level, shallow aeolian topography, which slopes to the N/NW. A high density of caliche float occurs, indicating a shallow depth to indurated caliche deposits. The area is one of low relief; low, mesquite-covered coppice dunes and pseudo-coppice dunes occur. Deflation basins consist of shallow blowouts in much of the area. **Soils:** well pad & W. part of the access in Tonuco loamy fine sands; E. part of access in Berino complex sands. **Permanent Water:** Pecos River, ca. 10.25 miles W/SW. **Potential Water:** sunken basin, ca. 0.85 miles NNE. **Elevation:** 3402 ft. to 3413 ft. **Slope:** 0.48° to 1.43°. **Aspect:** 315° to 45°. **Lithic Resources:** not available in the immediate vicinity. **Vegetation:** Grassland Formation, Scrub-grass scrub disclimax community.

**4. EXAMINATION PROCEDURE:** straight and zig-zag transects, spaced no greater than 15 metres apart. **Work Hrs. on Ground** 1.0. **Project Delineation:** staked by client. **Visibility:** ground, ca. 65% generally, with 100% in deflation areas. **Weather:** sunny.

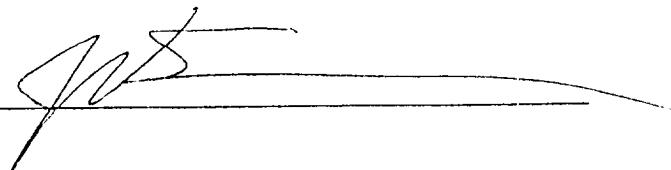
**5. FINDINGS:** BLM records (Kyte, 11/30/1992) do not indicate prior recording of archaeological sites within Section 5 (T24S, R31E).

Archaeological survey did not reveal any cultural resources.

**6. RECOMMENDATIONS:** archaeological **CLEARANCE** of the Merit Energy Company Sundance Federal Well No. 6 and access road R/W is **RECOMMENDED**.

**Date of Examination:** December 2, 1992

**Project Archaeologist:**



**Principal Investigator:**

D.M. Griffiths.