

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.: 92-224; Merit Energy Company Sundance Federal Well No. 5 and Access Road R/W

1. **ABSTRACT:** intensive archaeological survey of the Merit Energy Company Sundance Federal Well No. 5 (400 ft. sq., 3.67 acres), and access road R/W (940 ft. long X 100 ft. wide, 2.16 acres). A total federal land surface of 5.83 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. 5 and access road R/W is RECOMMENDED.

2. **LEGAL LOCATION:** T24S, R31E, Section 5, NE $\frac{1}{4}$ NW $\frac{1}{4}$  [660 FNL, 1980 FWL]. **ACCESS ROAD R/W LOCATION:** T24S, R31E, Section 5: NE $\frac{1}{4}$ NW $\frac{1}{4}$  & NW $\frac{1}{4}$ 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 (940 ft. long X 100 ft. wide, 2.16 acres). A total federal land surface of 5.83 acres was inspected for cultural remains.

**TOPOGRAPHY:** situated ca. 11.0 miles E of Salt Lake, & 6.0 miles east of Nash Draw, in an area of relatively level to gently rolling aeolian topography, which slopes to the N. The project area is relatively flat, with low relief, with the exception of 2 small coppice dunes, one in the NW quadrant & one in the SW quadrant of the pad. Slightly undulating terrain occurs along the access road R/W. Deflation basins consist of shallow blowouts in much of the area. **Soils:** Berino complex sands. **Permanent Water:** Pecos River, ca. 10.5 miles W/SW. **Potential Water:** sunken basin, ca. 0.75 miles N/NE. **Elevation:** 3400 ft. to 3408 ft. **Slope:** 0.57° to 0.88°. **Aspect:** NE. **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. 5 and access road R/W is RECOMMENDED.

Date of Examination: December 2, 1992

Project Archaeologist: \_\_\_\_\_

Principal Investigator: \_\_\_\_\_

D.M. Griffiths