

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.: 92-176; Merit Energy Company Sundance Federal Well No. 2 and Access Road R/W

1. **ABSTRACT:** intensive archaeological survey of the Merit Energy Company Sundance Federal Well No. 2 (400 ft. sq., 3.67 acres), and access road R/W (700 ft. long X 100 ft. wide, with a 150 ft. sq. delta, 1.78 acres). A total federal land surface of 5.45 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. 2 and access road R/W, is RECOMMENDED.

2. **LEGAL LOCATION:** T24S, R31E, Section 4, NW $\frac{1}{4}$ NW $\frac{1}{4}$ [1250 FNL, 1250 FWL]. **ACCESS ROAD R/W LOCATION:** T24S, R31E, Section 4: SW $\frac{1}{4}$ NW $\frac{1}{4}$. Eddy County, N.M.

Map Reference: U.S.G.S. 7.5 minute series, LOS MEDAÑOS, NEW MEXICO, 1985; U.S.G.S. 7.5 minute series, BIG SINKS, NEW MEXICO, 1968.
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 (700 ft. long X 100 ft. wide, with a 150 ft. sq. delta, 1.78 acres). A total federal land surface of 5.45 acres was inspected for cultural remains.

TOPOGRAPHY: situated ca. 12.0 miles E of Salt Lake, & 7.0 miles east of Nash Draw, in an area of relatively level to gently rolling aeolian topography, which slopes to the NW. A dune rise occurs midway along the access road centreline, south of the well pad. Deflation basins are restricted to the dune rise, with shallow blowouts elsewhere. **Soils:** Berino complex sands. **Permanent Water:** Pecos River, ca. 14.25 miles W/SW. **Potential Water:** ephemeral stream, ca. 1.8 miles W/SW. **Elevation:** 3394 ft. to 3400 ft. **Slope:** 0.34° to 0.54°. **Aspect:** W/NW. **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.

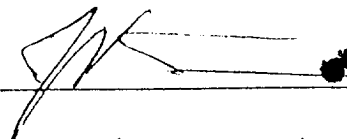
5. **FINDINGS:** BLM records (Ruebelmann, 10/05/1992) do not indicate prior recording of archaeological sites within Section 4 (T24S, R31E).

Archaeological survey did not reveal any cultural resources.

6. **RECOMMENDATIONS:** archaeological CLEARANCE of the Merit Energy Company Sundance Federal Well No. 2 and access road R/W is RECOMMENDED.

Date of Examination: October 16, 1992

Project Archaeologist:



Principal Investigator:

D. M. Griffiths