

## 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.: 18-2920-90-E  
ASC Job No.: 91-239; Primero  
Operating Co. Marbob Federal  
Well No. 1 & Access Road R/W

1. **ABSTRACT:** intensive archaeological survey of the Primero Operating Company Marbob Federal Well No. 1 (400 ft. sq., 3.67 acres), and access road R/W (3800 ft. long X 100 ft. wide, 8.72 acres). A total fee land surface of 12.39 acres was inspected for cultural remains.

Archaeological survey of the Primero Operating Company Marbob Federal Well No. 1 & access road R/W revealed the occurrence of 2 isolated finds, which do not appear significant past the level of field recording. Therefore, archaeological **CLEARANCE** for the Primero Operating Company Marbob Federal Well No. 1 and access road R/W is **RECOMMENDED**.

2. **LEGAL LOCATION:** T11S, R27E, Section 24, NW $\frac{1}{4}$ NE $\frac{1}{4}$  [330 FNL, 1650 FEL]. **ACCESS ROAD R/W LOCATION:** T11S, R27E, Section 24 (NW $\frac{1}{4}$ NE $\frac{1}{4}$ ); Section 13 (SW $\frac{1}{4}$ SE $\frac{1}{4}$ ; SE $\frac{1}{4}$ SE $\frac{1}{4}$ ; NE $\frac{1}{4}$ SE $\frac{1}{4}$ ). Chaves County, New Mexico.

**Map Reference:** U.S.G.S. 7.5 minute series, WADE RANCH, NEW MEXICO, 1949. **Land Status:** T11S, R27E, Section 24: Split Estate, fee surface, federal minerals. T11S, R27E, Section 13: N.M. State Land Surface.

3. **PROJECT DESCRIPTION:** well pad (400 ft. sq., 3.67 acres), and access road R/W (3800 ft. long X 100 ft. wide, 8.72 acres). A total fee land surface of 12.39 acres was inspected for cultural remains.

**TOPOGRAPHY:** situated ca. 18 miles east of the Mescalero (Caprock) Ridge, ca. 2.34 miles SW of Long Arroyo, & ca. 8.18 miles west of the Pecos River, within an area of undulating, sloping aeolian deposits of varying depth. The well pad straddles an interface, with the southern part of the pad in an area of relatively large coppice dunes eroded to a reddish sandy layer; a swale occurs to the south of the pad, with a relatively steep gradient entailed. The northern part of the pad is stabilized by vegetation, with only widely spaced coppice dunes. The access road area is within relatively deep aeolian deposits, with an isolated knoll impeding the access road in the central portion of the R/W. The eastern part of the access road is on the E & NE slope of the knoll. **Soils:** interface of Pajarito-Pintura complex & Simona fine sandy loam. **Nearest Permanent Water:** Pecos River, 8.18 miles W/SW. **Potential Water:** Long Arroyo, ca. 2.34 miles NE. **Elevation:** 3741 ft. to 3763 ft. **Slope:** 0.74° to 2.6°. **Aspect:** 90° to 220°. **Lithic Resource Materials:** not available in project area. **Vegetation:** Grassland Formation, scrub-grass scrub disclimax community.

4. **EXAMINATION PROCEDURE:** straight and zig-zag transects, spaced no greater than 15 metres apart, with inspection of all deflation basins; dogleash transects in the vicinity of artifact material. **Work Hrs. on Ground:** 2.5. **Area Delineation:** staked by client. **Visibility:** ground, ca. 65%, with 100% in deflation basins; weather, sunny.