

ARCHAEOLOGICAL SURVEY CONSULTANTS

CULTURAL RESOURCES EXAMINATION

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

ASC PERMIT NO.: 18-2920-92-F
ASC Job No.: 93-233; Kaiser
Francis Oil Co. Pure Gold "A"
Fed. Well No. 9 & "B" No. 10

1. **ABSTRACT:** intensive archaeological survey of the Kaiser Francis Oil Company Well Pad for the Pure Gold "A" Federal Well No. 9 and Pure Gold "B" Federal Well No. 10 (400 ft. NS x 685 ft. EW), with a total land surface of 6.29 acres inspected for cultural remains [federal land surface, 4.63 acres; New Mexico State land surface, 1.66 acres]. No new access road is required, since the well pad straddles an extant oilfield road.

A single well pad, with 2 proposed drill holes, is entailed. Both wells will be directionally drilled to locations, involving federal minerals, below the potash area.

Archaeological survey of the proposed Kaiser Francis Oil Company well pad for the Pure Gold "A" Federal Well No. 9 and Pure Gold "B" Federal Well No. 10 did not reveal any cultural resources. Therefore, archaeological CLEARANCE for the Kaiser Francis Oil Company well pad for the Pure Gold "A" Federal Well No. 9 and Pure Gold "B" Federal Well No. 10 is RECOMMENDED.

2. **LEGAL LOCATION:** T23S, R31E, Section 16, SW $\frac{1}{4}$ SW $\frac{1}{4}$ [A # 9 = 10 FSL, 145 FWL; B # 10 = 10 FSL, 10 FWL]. Eddy County, New Mexico.

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

3. **PROJECT DESCRIPTION:** well pad (400 ft. NS x 685 ft. EW), with a total land surface of 6.29 acres inspected for cultural remains [federal land surface, 4.63 acres; New Mexico State land surface, 1.66 acres].

TOPOGRAPHY: situated ca. 12.0 miles E of Salt Lake, & 7.8 miles east of Nash Draw, to the SE of Los Medaños. The well pad is situated in an area of relatively shallow aeolian topography, with relatively level to undulating inclined terrain, with low relief. Low dune rises occur adjacent to the NE corner and along the east perimeter of the well pad, with swales in the north central and west central areas of the pad. Elsewhere, the terrain is undulating, with shallow deflation basins occurring. **Soils:** interface of Berino complex sands (to west) and Kermitt-Berino fine sands. **Permanent Water:** Pecos River, ca. 13.0 miles W/SW. **Potential Water:** Indian Well, ca. 4.9 miles W/SW. **Elevation:** 3349 ft. to 3332 ft. **Slope:** 0.4° to 0.82°. **Aspect:** 240°. **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 further than 15 metres apart. **Work Hrs. on Ground:** Ca. 1.5. **Project Area Delineation:** staked by client. **Visibility:** ground, ca. 65%, with 100% in denuded areas; weather, sunny.

5. **FINDINGS:** ARMS records (9/10/93) do not indicate the prior recording of sites in Section 16 or Section 20 or Section 21 (T23S, R31E); records for Section 17 indicate the prior recording of LA 86,118 and LA 100,694. The sites will not be endangered by construction activity.

Archaeological survey of the proposed Kaiser Francis Oil Company well pad for the Pure Gold "A" Federal Well No. 9 and Pure Gold "B" Federal Well No. 10 did not reveal any cultural resources. A single oversized well pad, with 2 proposed drill holes, is entailed. Both wells will be directionally drilled to locations, involving federal minerals, below the potash area.