

dunes are few and less than 1 m in height with shallow, poorly developed deflation basins. Local soils are sandy loams and occasional loamy sands which are generally lacking in lithic inclusions.

Floristics

The local overstory is predominantly Quercus havardii with occasional specimens of Yucca glauca, Prosopis juliflora, and Chrysothamnus pulchellus. Sparse, random stands of Gutierrezia sarothrae also occur. Attendant forbs include: Monarda punctata, Gaillardia sp., Hymenoxys sp., Dithyrea sp., Oenothera sp., Hoffmanseggia sp., and Euphorbia sp. Grasses found are Andropogon glomeratus, Aristida sp., Muhlenbergia arenacea and Paspalum distichum.

Cultural Resources

No archaeological resources were recorded during this reconnaissance. Owing to the nature of local soils, the lack of lithic raw materials and potable water, and the shelterless landform, it is improbable to find evidence of extensive human occupation. Prehistoric usage in this area was limited to sporadic hunting and gathering activities.

Recommendations

NMA recommends clearance for Amoco's Federal AC Well No.1 and access road and suggests that work-related activities proceed in accordance with company plans.

Federal AB Well No.1

Location

Amoco Production Company's proposed location will measure 450 X 150 ft on federal lands and will be situated 660 ft from