



## Site Description

### Thousand Springs Valley

(updated 2010)

#### Geologic setting:

#### Geothermal features:

***Wine Cup Ranch:*** Warm springs are located near the Wine Cup Ranch, in SW $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. Sec. 25, T41N, R64E (Wine Cup Ranch 7.5-minute topographic map). The spring system emits gas, and thus may have been considered "boiling" by some visitors (oral commun., Jan Roberts, 1994). Rush (1968b) reported two wells near the ranch buildings, in NW $\frac{1}{4}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ . Water from a 20.7(?) m well was reported to be 58.9 °C (Rush, 1968b). Hot water from this well was piped to the ranch buildings and a swimming pool; the well is reportedly near a fault (Rush, 1968b). The Wine Cup Ranch well reservoir temperature was estimated to be 61°C/73°C using the silica and Na-K-Ca geothermometers, respectively (Mariner and others, 1983, p. 105).

#### ***Twenty-one Mile Draw:***

#### Leasing information: