



## Site Description

### Tecoma Valley

(updated 2010)

#### Geologic setting:

#### Geothermal features:

**Gamble Ranch:** Warm springs and wells are found near Gamble Ranch ~13 km north of Montello. Gamble Spring is 21°C (Mifflin, 1968), and Gamble Ranch Well No. 4 is 24°C and 64 m deep. A warm spring is also reported in Sec. 14, T40N, R69E. Hose and Taylor (1974) reported a 43.9°C hot spring in Sec. 4, T40N, R69E, but Trexler, Koenig, Flynn, and others (1981; Table E2) were unable to locate it. In July 2008, UNR samplers found the spring, which is shown on the Twelvemile Ranch 7.5-minute Quadrangle map, and it was dry. Borate crusts and sagebrush indicate the site was dry for some time, perhaps related to the intensive use of water at Gamble Ranch.

Stearns and others (1937) reported a boiling spring in the area, but it is not known which spring this is. It could be Winecup Ranch Spring (Sec. 25, T41N, R64E) which is reported to emit gas, and thus might have been considered "boiling" (oral commun., Jan Roberts, 1994).

#### Leasing information: