



## Site Description

### East Walker River

(updated 2010)

#### Geologic setting:

#### Geothermal features:

**Grant View Hot Springs:** Stearns and others (1937) reported two hot springs along the East Walker River Elbow, at SW $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 4, T7N, R27E. These measure about 43°C and are slightly radioactive, possibly due to radon in the water. The springs are 100m north of uranium-bearing granitic hills, and several abandoned uranium mines are found nearby (Davis, 1954). The Grant View Hot Springs are probably named for the Grant View mining claim (L. Garside, personal comm).

UNR samplers measured one hot spring at 41.6°C, slightly cooler than the previously-recorded 43°C. The 2 x 2m source pool is characterized by orange algal mats, borate crust, and sulfur outgassing. Location coordinates for the spring are 118.97427 W, 38.4897 N (NAD83). Geothermometer values are low, at 62.1°C (Na-Ca-K) and 66.8°C (SiO<sub>2</sub>). A hot tub has been built around the second spring, located at 118.97688 W, 38.49073 N (NAD83), where a tennis ball cap controls artesian flow.

#### Leasing information:

Garside, L., 2009, personal communication