



Site Description

Clover Valley

(updated 2010)

Geologic setting:

Geothermal features:

Warm Creek Ranch: Twenty-five miles south of Wells, Warm Creek Ranch exhibits a mild thermal anomaly (T33N R61E 12). USGS 7.5' and 100K maps indicate warm springs at the ranch, but no temperature was recorded until July 2008. UNR field samplers found the westernmost orifice cold, at 19.3°C. Flow originates from a sediment face and continues into a 70 x 50m pond. Rain fell heavily the previous afternoon and night, but the spring outflow was rapid enough to avoid dilution concerns (>10 L/min). Data from Garside (1994) provides silica measurements, and an estimated reservoir temperature of 54.9°C.

Leasing information:

Garside, L., 1994, Nevada Low-Temperature Geothermal Resource Assessment, Nevada Bureau of Mines and Geology, University of Nevada, Reno, Open-File Report 94-2.