

ABSTRACT

A method for controlling temperature maxima and minima from the heel to toe in geothermal well lateral sections. The method includes disposing at least a pair of wells proximately where thermal contact is possible. Working fluid is circulated in one well of the pair in one direction and the working fluid of the second well is circulated in as direction opposite. to the first. In this manner temperature equilibration is attainable to mitigate maxima and minima to result in a substantially more uniform temperature of the working fluids in respective wells and the rock formation area there between. Specific operating protocol is disclosed having regard to the temperature control for maximizing thermal energy recovery.

[FIGURE 1]