

# THERMAL REGIME

## THERMAL GRADIENT

- NORMAL 1F°/100'
- ANSCHUTZ WELL 3F°/100'
- BOSTICK WELL 4.8F°/100'
- SHALLOW WATER WELLS 1-16F°/100'

## GEO THERMOMETRY

- ASSUMPTIONS
- LIMITATIONS
- LOCAL EXAMPLE: BOSTICK 1-A  $\leq 212^{\circ}\text{F}$

## PERMEABILITY

- FAULTS
- COOLING JOINTS & VESICLES IN  
LAVA FLOWS
- PORESPACE IN SEDIMENTS