



SDSE ruminations

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I plotted some speculative geothermal gradients on the temp log (0.5 and 1 deg per 100') just to look a bit more at where the temp profile is outside of what one would expect (see attached)....

The stuff from ~210-490 follows the 1 deg/100 ft nicely;

from 490 to 1010, the gradient is about 0.2 deg per 100'

and 0 deg per 100' at >1010

I need to do some more looking into what this means (if anything), but it is interesting that if one were to believe that the gradient from 201-490 is what is to be expected, then the material below 490 is cooler than one would expect....



SDSE_Logs_Master2.xlsx

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