**Formation Temperature (FT)**

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Case : If the temperature increase in a specific area is 0.012°F/ft

Of depth and the ambient surface temperature is 700F,

determine the estimated formation temperature at a TVD of

15,000 ft :

FT (°F) = 70°F + (0.012°F/ft x 15,000 ft)

= 70°F + 180°F

= 250°F (estimated formation temperature)