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MASTER

DRAFTED BY LISA MARX

BASE FROM U.S.G.S.

METHODOLOGY

Reported bottom hole temperatures (BHT) were taken from 12,000 oil and gas wells provided by the Colorado Oil and Gas Conservation Commission files. Average annual surface temperatures were subtracted from the BHT and then divided by the depth to give a gradient. To eliminate as many sources of error as possible, the gradient values were averaged for each township and contoured.

The generalized geology was derived from Ogden Tweto, 1979, Geologic Map of Colorado.

Scale 1:1,000,000

EXPLANATION

- Geothermal Gradient Contour °C/km
- dashed where approximate
- Volcanic Rocks
- Precambrian Crystalline Rocks

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Geothermal Gradient Map of Colorado

by

Frank N. Repplier and Robert L. Fargo

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