







**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 to determine the geothermal 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 Iweto, 1979, Geologic Map of Colorado.

**Geothermal Gradient Map of Colorado**

by  
**Frank N. Repllier and Robert L. Fargo**

**EXPLANATION**

-  Geothermal Gradient Contour °C/km
  -  dashed where approximate
  -  Volcanic Rocks
  -  Precambrian Crystalline Rocks
- Prepared in cooperation with the U.S. Dept. of Energy under contract no. DE-AS07-77-ET4000

December 7, 1981