



EXPLANATION

- Principal oil and gas fields, dashed if not investigated
- Oil and gas fields with radium-bearing precipitates
- Less than 0.5 percent
- 0.5 to 1 percent
- 1 to 2 percent
- Greater than 2 percent
- Helium content of gas in oil or gas field
- Gamma-ray log
- Gamma-ray log with deflection, of a 10 in. sensitivity scale, exceeding 20 in.
- Sample log of drilled well
- Coal or asphalt sample number and percent equivalent uranium oxide
- Axis of anticline, approximately located
- Axis of syncline, approximately located
- Exposure of igneous or metamorphic rocks
- Section A-A' shown on pl. 9
- Section B-B' shown on pl. 10



Base map from Magnolia Petroleum Co.

Compiled by Garland B. Gott and James W. Hill, April 1950

RELATIONSHIP OF RADIOACTIVITY AND HELIUM IN SOME OIL AND GAS FIELDS IN SOUTHEASTERN KANSAS