



FIG. 54.—THE "GRANITE RIDGE" OF KANSAS.

Drilling for oil in Kansas has afforded interesting information concerning the ancient rock floor on which the oil-bearing and other sedimentary rocks of the region were deposited. A prominently elevated portion of the floor, consisting mainly of granite, underlies the oil fields of Butler and Marion counties and extends entirely across the state. It rises to within 500 feet of the surface in the north, but is gradually depressed southward. (Contoured by Raymond C. Moore.)

Contour interval, 100 feet.

Elevation of granite, underlined figures.

Elevation of bottom of deep well, no granite, not underlined.