



Base from U. S. Bureau of Chemistry and Soils Soil Survey map of Crawford, Cherokee, and Labette counties and U. S. Geol. Survey, Columbus and Joplin district topographic maps, with revisions from authors' field sheets.

PLATE 1.—Geologic map of the southeastern Kansas coal field. Prepared by the United States Geological Survey, which was provided with an allotment of funds by the Public Works Administration for the investigation of the southeastern Kansas coal field.

Geology by W. G. Pierce, assisted by W. H. Courtier, E. L. Griffin, F. M. Hase, F. A. Roester, C. E. Straub, L. M. Wilshire, and R. S. Worthington. Surveyed in 1934.