

# EXPLANATION

865' Elevation of the Weir-Pittsburg datum computed from drill log. (in Tps.34 and 35 S., R.22 E.)

— Fault, D, downthrow; U, upthrow.

↖<sup>13°</sup> Local strike and dip of strata; does not represent the regional structure.

~ Base of Fort Scott limestone.

~ Base of Cherokee shale. Outliers of shale and small inliers of Mississippian limestone not shown.

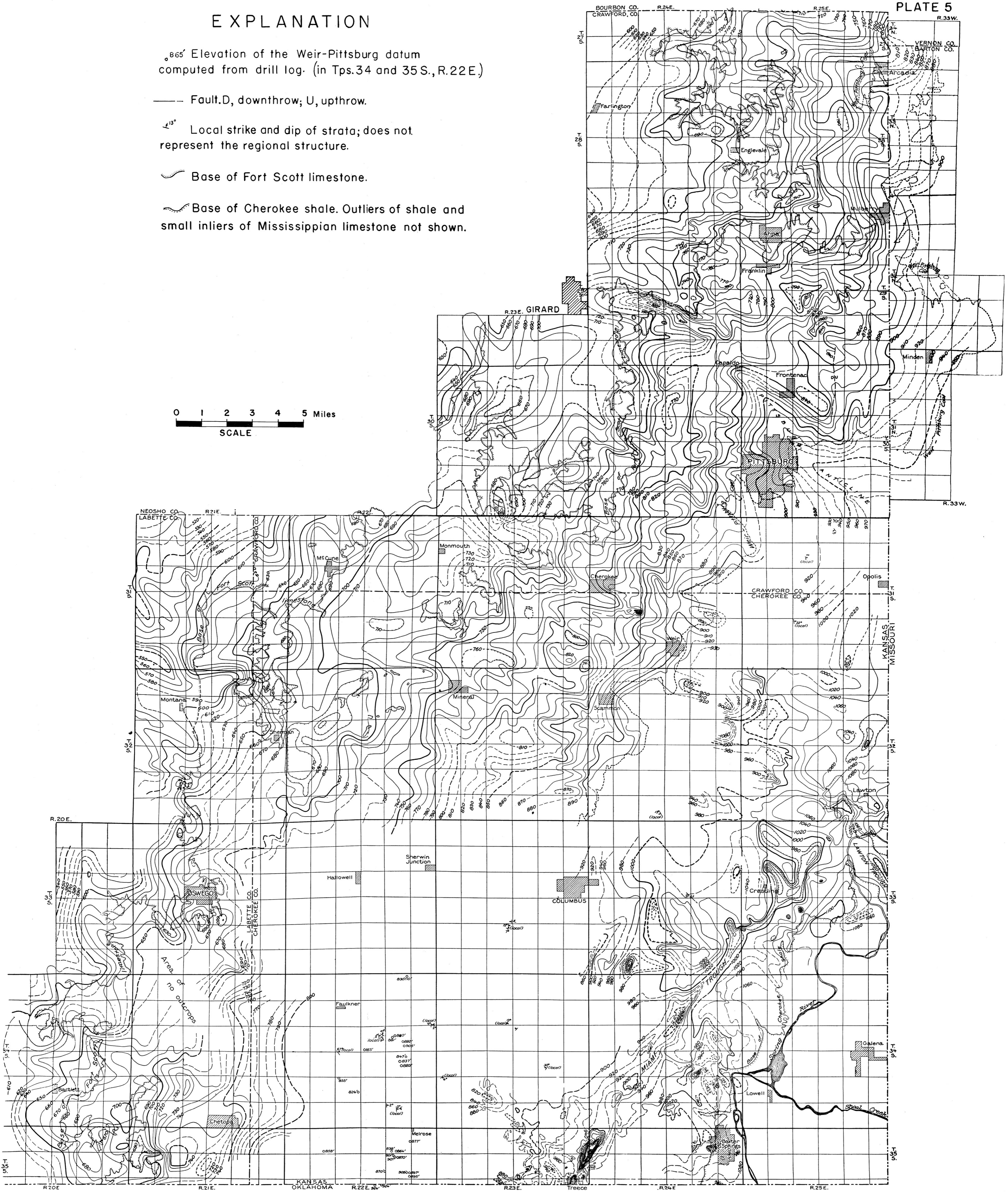
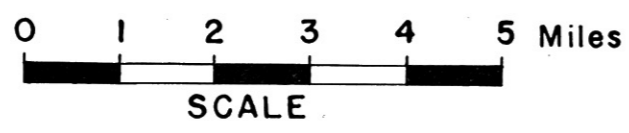


PLATE 5.—Map showing geologic structure of the southeastern Kansas coal field and the Kansas zinc-lead district, including Cherokee county and parts of Crawford and Labette counties.

Contours on Weir-Pittsburg coal; where coal is absent they are drawn on its equivalent horizon. Contours in the southeastern half of Cherokee county show configuration of the base of the Cherokee shale, but have the same datum as the rest of the map. Contour interval 10 feet except in the southeastern half of Cherokee county, where it is 20 feet. Datum is mean sea level.

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