

EXPLANATION






-  Lines connecting points of equal thickness. Figures indicate thickness in feet.
  -  Cherokee shale absent.
  -  Outcrop of upper boundary of Cherokee shale.
  -  County seat
  -  Locally thick areas of Cherokee shale
- 10 0 10 20 30 40 MILES

PLATE II.—Sketch map showing thickness of the Cherokee shale in part of eastern Kansas. Prepared by N. W. Bass, for Kansas Geological Survey Bull. 23. Structural axes and structural names added by Wallace Lee. Data compiled from drillers' logs of oil and gas wells.