



The Dakota Formation is present throughout most of the study area except the southern one-fifth. The formation crops out in Ford, Hamilton, Hodgeman, Kearny, Pawnee, and Stanton Counties. The depth below land surface to the Dakota Formation and undifferentiated Lower Cretaceous rocks ranges from zero in the outcrop areas to about 1,650 feet in Wallace County.

Detail in Ford and Hodgeman Counties modified from Lobmeyer and Weakly (1979). Limit of Dakota Formation modified from Merriam (1963)

EXPLANATION

- OUTCROP OF DAKOTA FORMATION
- 800 — LINE OF EQUAL DEPTH TO DAKOTA FORMATION AND UNDIFFERENTIATED LOWER CRETACEOUS ROCKS— Dashed where approximately located. Interval 100 feet. Datum is land surface
- 159 — DATA POINT—Number is depth below land surface to Dakota Formation and undifferentiated Lower Cretaceous rocks, in feet
- LIMIT OF UNDIFFERENTIATED LOWER CRETACEOUS ROCKS IN STUDY AREA

Base from U.S. Geological Survey, 1974

MAP SHOWING DEPTH BELOW LAND SURFACE TO DAKOTA FORMATION AND UNDIFFERENTIATED LOWER CRETACEOUS ROCKS, SOUTHWESTERN KANSAS

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