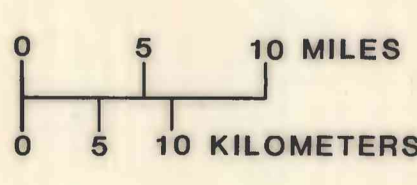


The Cheyenne Sandstone ranges in thickness from about 20 feet in Pawnee County and northern Edwards County to a maximum of about 250 feet in northern Ford County. The thickness of the Cheyenne averages 90 feet. In northwestern Lane County, it is about 220-feet thick. The Cheyenne Sandstone is separated from the Dakota Formation by the Kiowa Formation in most places in the study area.

Limit of Cheyenne Sandstone modified from Merriam (1963)

- EXPLANATION**
- 200 — LINE OF EQUAL THICKNESS OF CHEYENNE SANDSTONE--
Dashed where approximately located. Interval 50 feet
 - 130 • DATA POINT--Number is thickness of Cheyenne Sandstone, in feet
 - LIMIT OF UNDIFFERENTIATED LOWER CRETACEOUS ROCKS IN STUDY AREA



Base from U.S. Geological Survey, 1974

MAP SHOWING THICKNESS OF CHEYENNE SANDSTONE, SOUTHWESTERN KANSAS

By
Jack Kume and Joseph M. Spinazola
1983