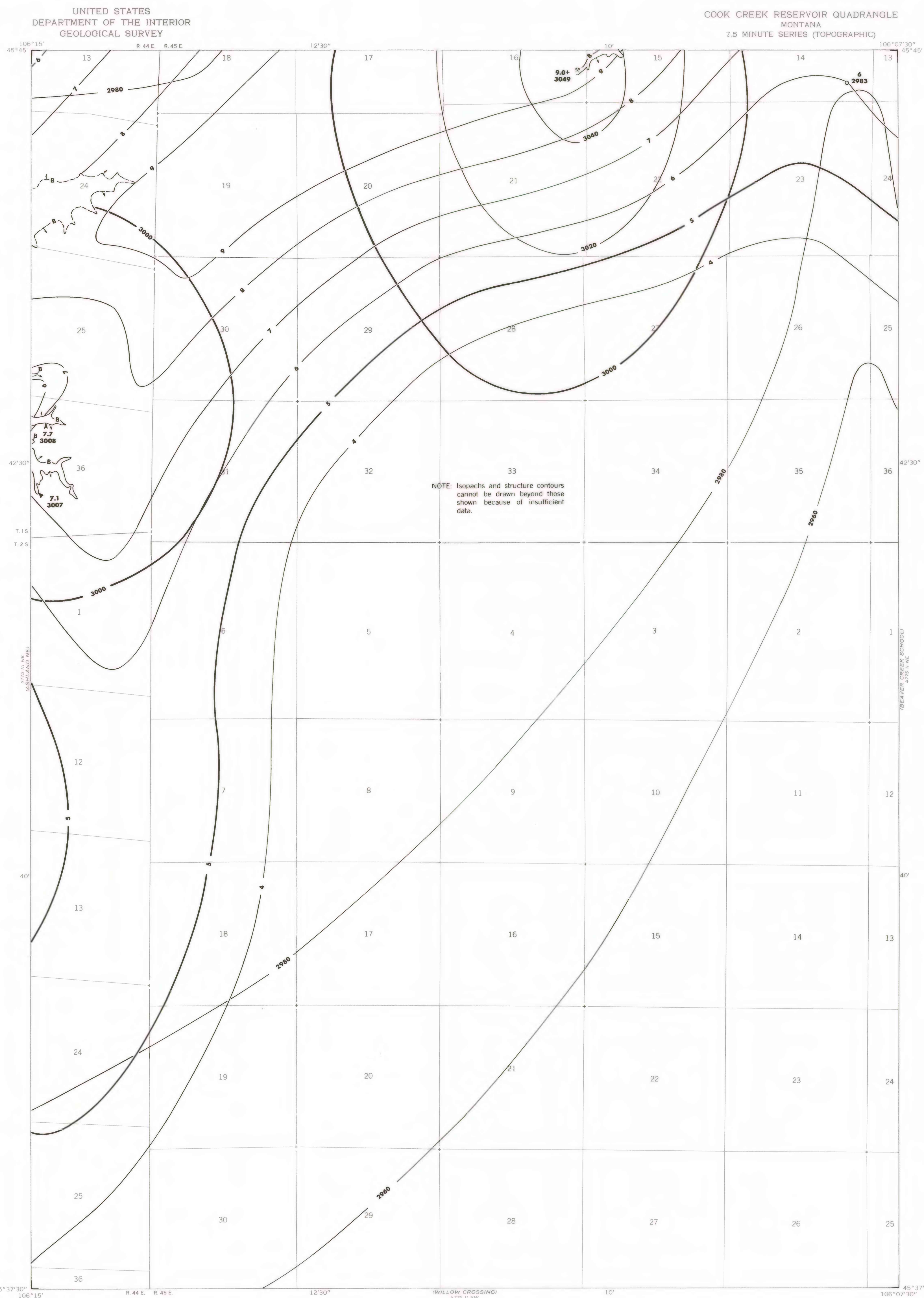


OPEN-FILE REPORT  
 This report has not been edited for conformity with  
 U.S. Geological Survey editorial standards or  
 stratigraphic nomenclature.



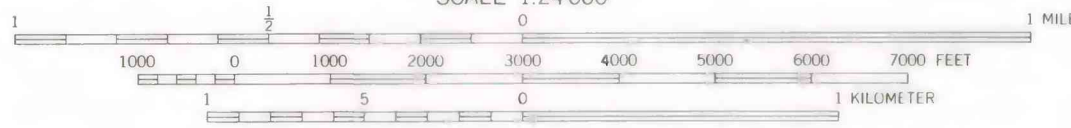
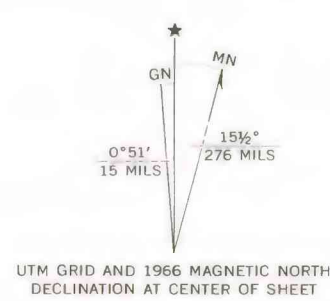
EXPLANATION

- ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 1 foot.
  - STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.
  - BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Number is thickness of coal bed, in feet, measured at triangle. Plus (+) sign after number indicates incomplete measurement.
  - DRILL HOLE—Showing thickness and altitude at the top of the coal bed, in feet.
  - COAL MINE—Showing thickness and altitude at the top of the coal bed, in feet.
- To convert feet to meters, multiply feet by 0.3048.

NOTE: Isopachs and structure contours cannot be drawn beyond those shown because of insufficient data.

Base map from U.S. Geological Survey, 1966

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE COOK CREEK RESERVOIR  
 QUADRANGLE, POWDER RIVER AND ROSEBUD COUNTIES, MONTANA  
 BY  
 COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
 1979**