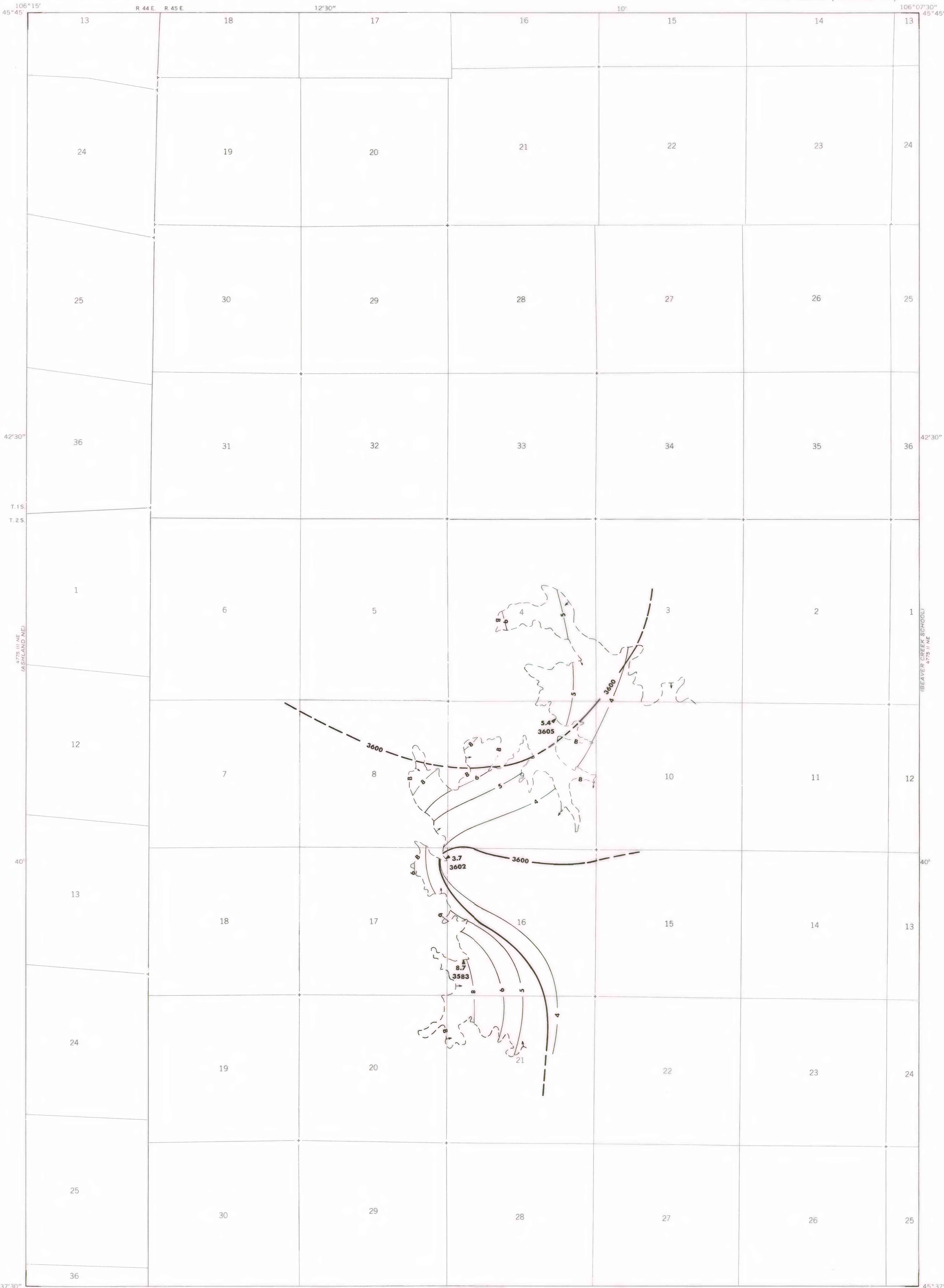


OPEN-FILE REPORT
 This report has not been edited for conformity with
 U.S. Geological Survey editorial standards or
 stratigraphic nomenclature.

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

COOK CREEK RESERVOIR QUADRANGLE
 MONTANA
 7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

ISOPACH OF THE COAL BED—Showing thickness, in feet. Isopach interval 2 feet, with an intermediate 5-foot isopach.

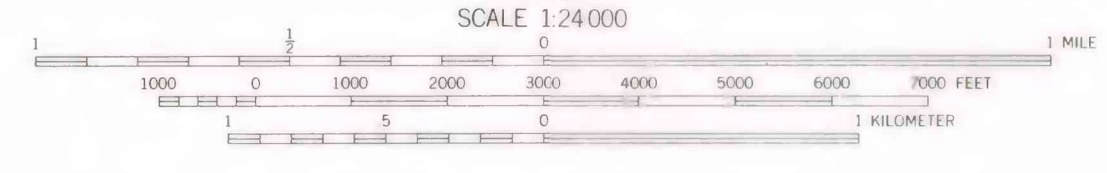
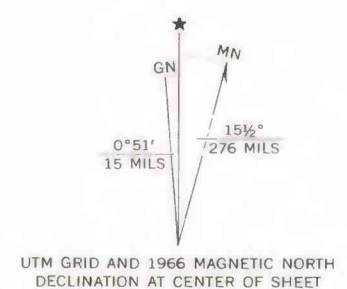
STRUCTURE CONTOUR — Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

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. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet.

To convert feet to meters, multiply feet by 0.3048.

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**