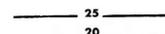
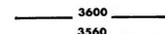


OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION



ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 5 feet.



STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Hachures indicate a closed depression. Contour interval 40 feet (12.2 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, and/or the fault boundary of the 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. Plus (+) sign after number indicates incomplete measurement.



FAULT—Dashed where approximately located. U, up-thrown side; D, down-thrown side.

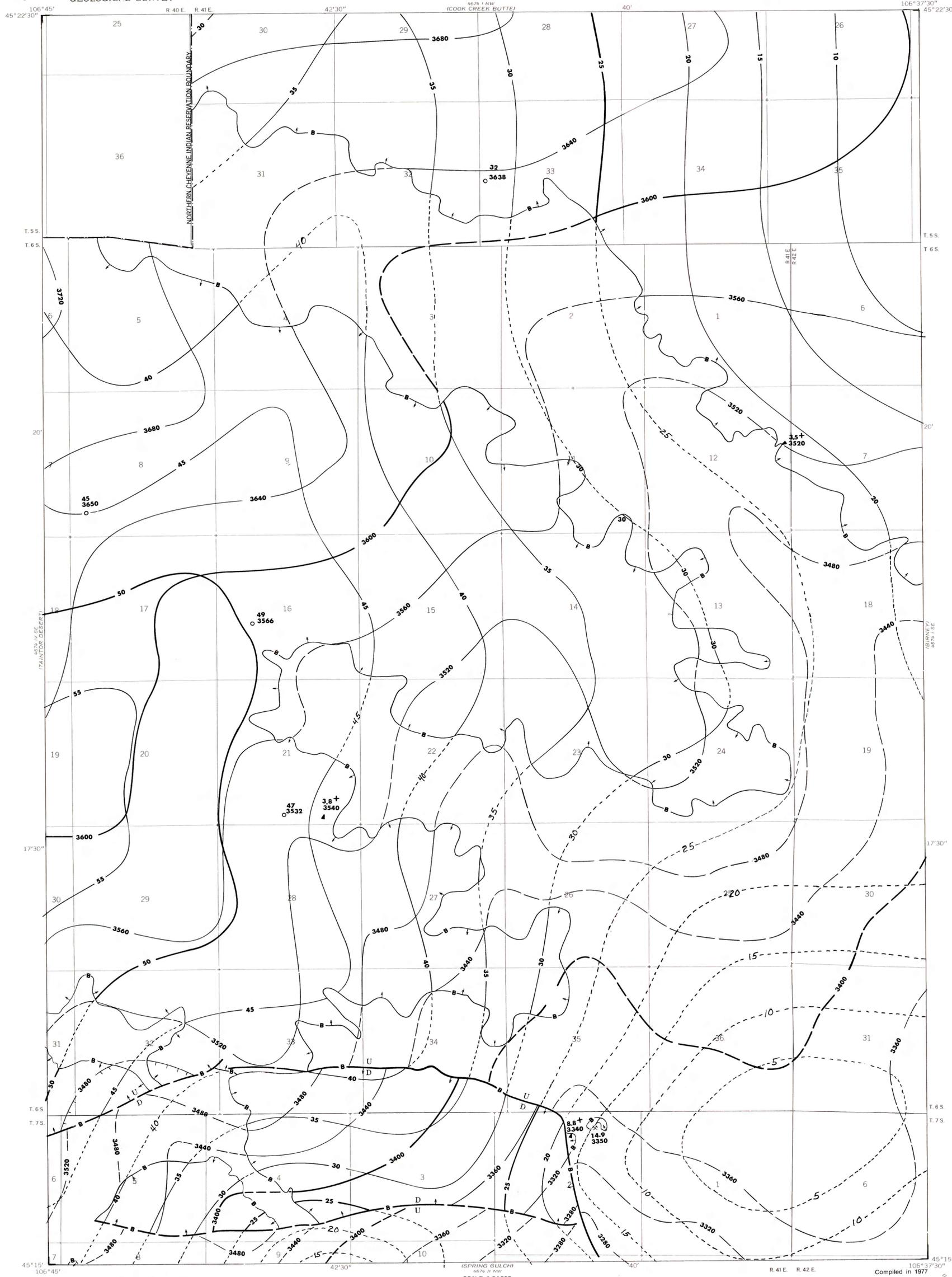


DRILL HOLE—Showing thickness and altitude at the top of the coal bed, in feet.



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.

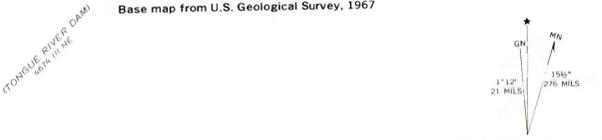


Base map from U.S. Geological Survey, 1967

(SPRING GULCH)
R. 41 E. R. 42 E.

SCALE 1:24,000

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE BIRNEY SW QUADRANGLE,
ROSEBUD AND BIG HORN COUNTIES, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979**