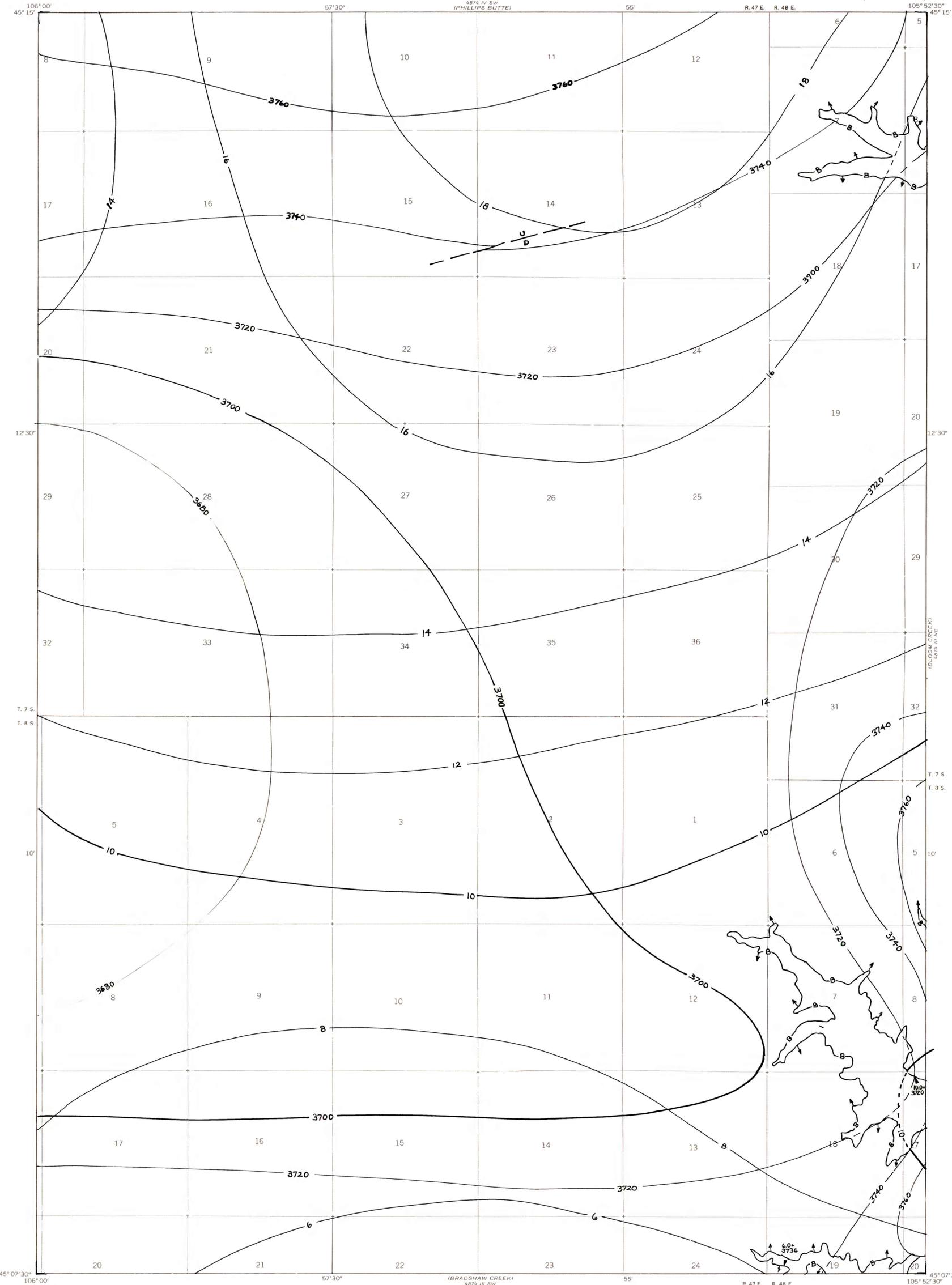


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.



**EXPLANATION**

10  
8

ISOPACHS OF THE COAL BED—Showing thickness, in feet. Dashed where projected beyond boundary of coal. Isopach interval 2 feet.

3700  
3720

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.

10.0+  
3720

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. Plus (+) sign after number indicates incomplete measurement.

U  
D

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

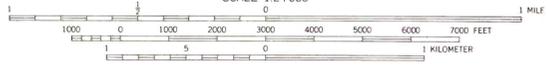
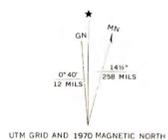
To convert feet to meters, multiply feet by 0.3048.

Base map from U.S. Geological Survey, 1970

(BRADSHAW CREEK)  
4874 III SW

SCALE 1:24000

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE SAYLE QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA  
BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979**