

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

EXPLANATION

— 20 —  
— 18 —

ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 2 feet.

— 3100 —  
— 3080 —  
○ 18  
○ 2994

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

10.8  
3100  
↑ B ↓

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.

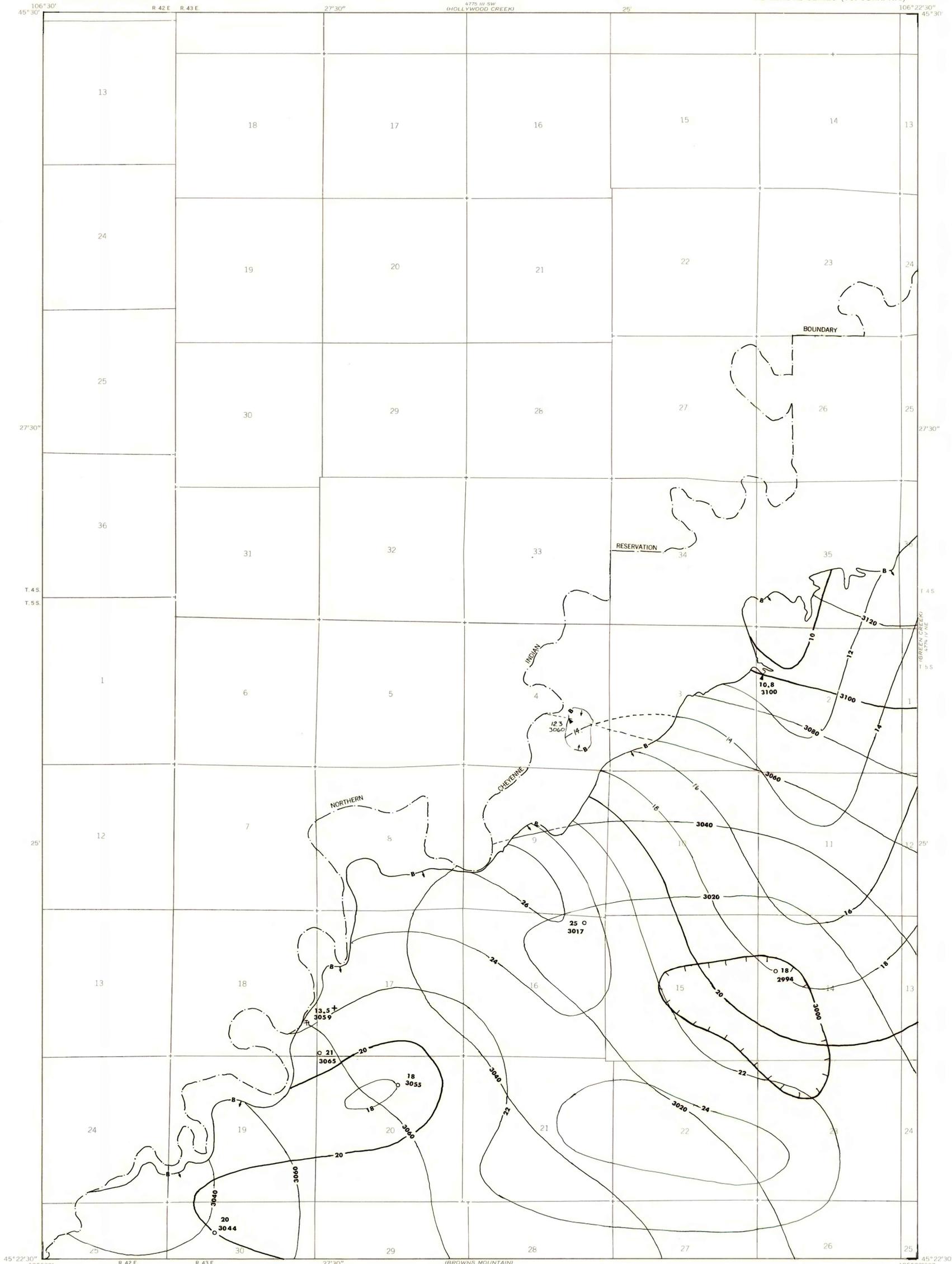
18  
○ 2994

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

13.5 +  
3059

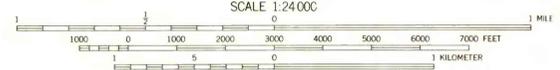
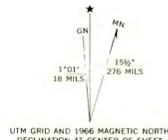
COAL MINE—Showing thickness and altitude at the top of the coal bed, in feet. Plus (+) sign after number indicates incomplete measurement.

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 BIRNEY DAY SCHOOL  
QUADRANGLE, ROSEBUD COUNTY, MONTANA**  
BY  
**COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979**