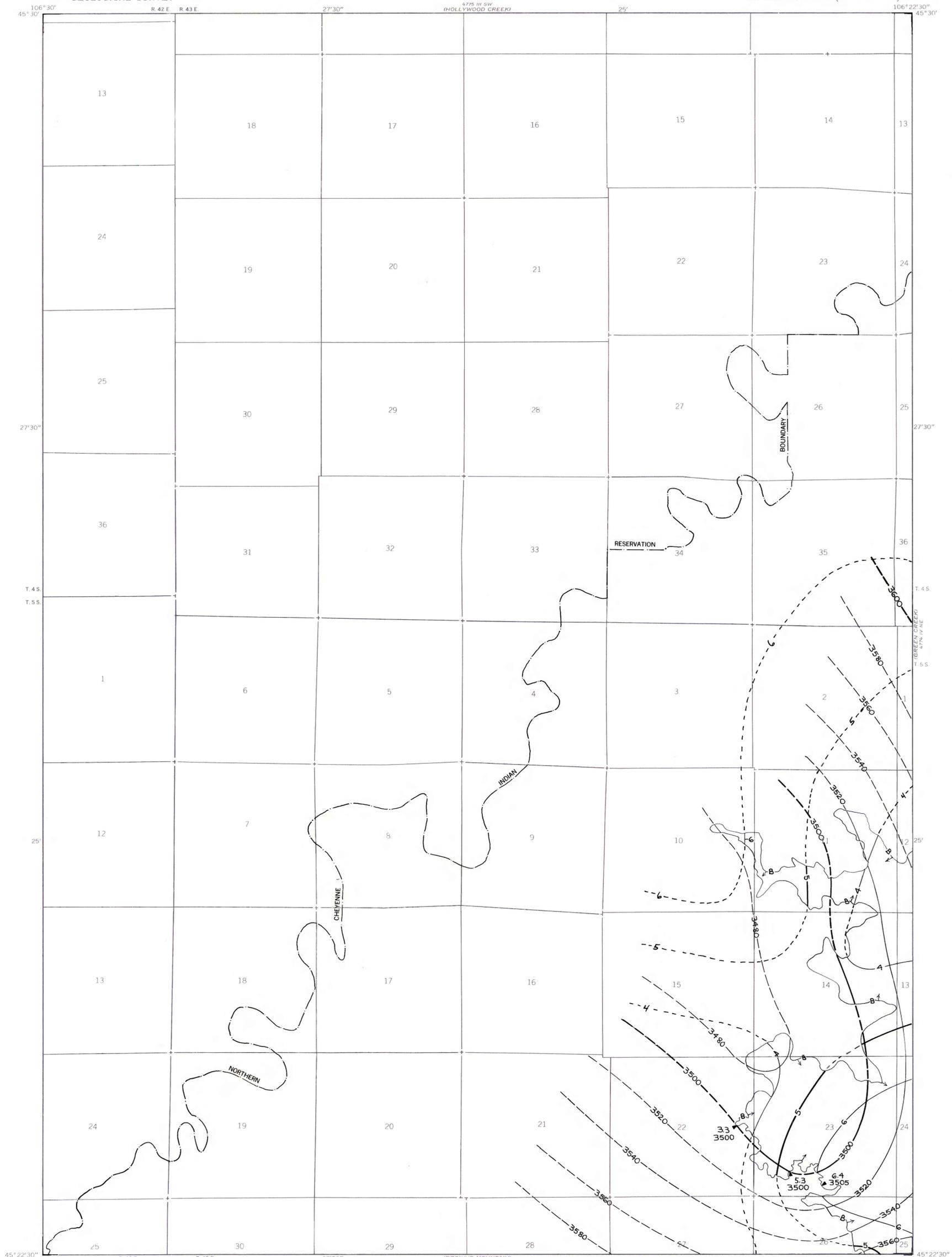


This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION

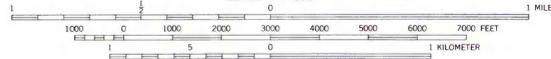
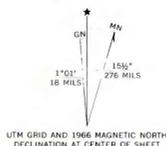
— 5 —
— 4 —
ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 1 foot.

— 3500 —
— 3520 —
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.

↑ 5.3
↓ 3500
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 BIRNEY DAY SCHOOL
QUADRANGLE, ROSEBUD COUNTY, MONTANA**

**BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979**

**PLATE 13
ISOPACH AND STRUCTURE CONTOUR
MAP OF THE WALL COAL BED**