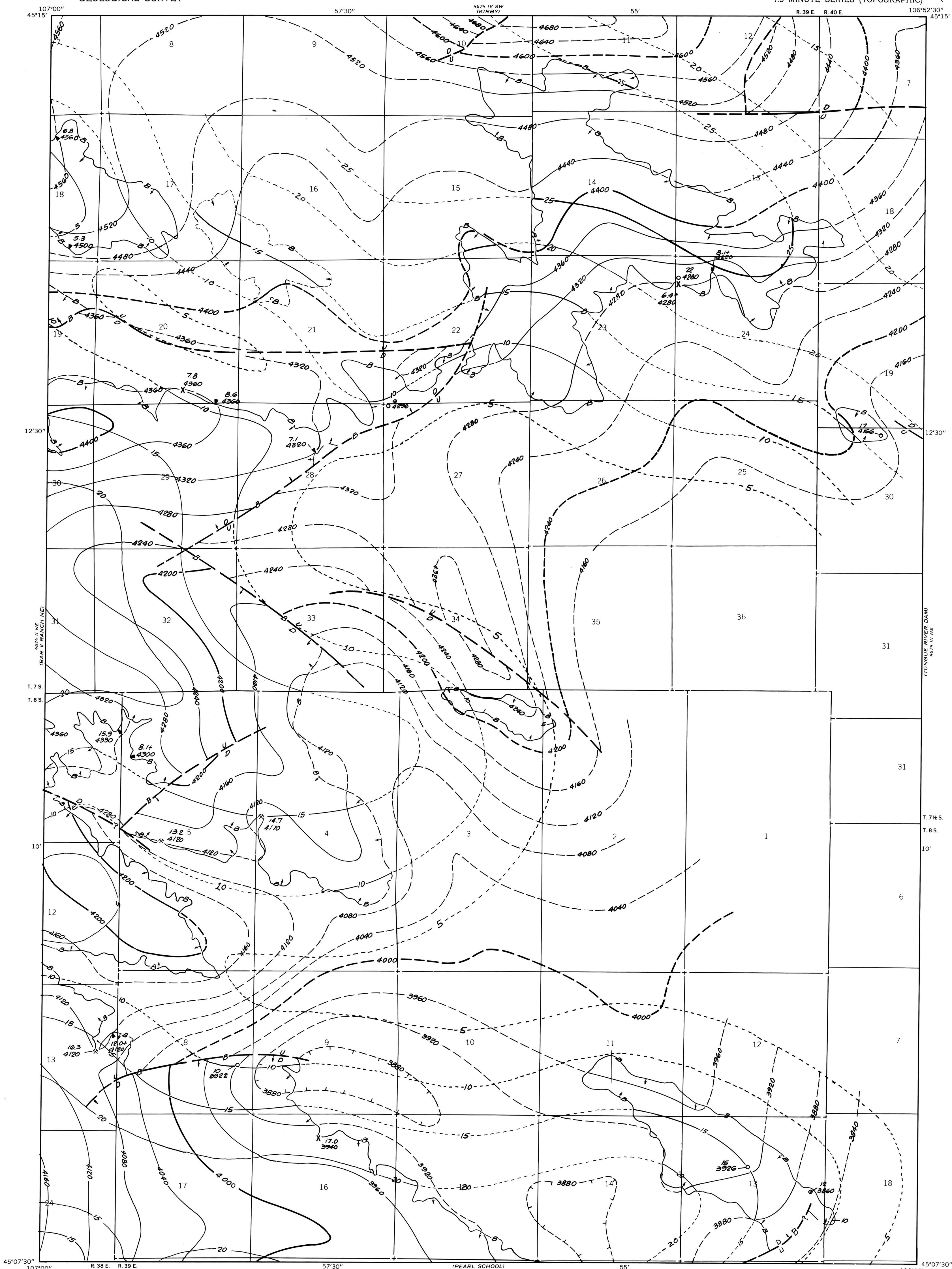


OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.



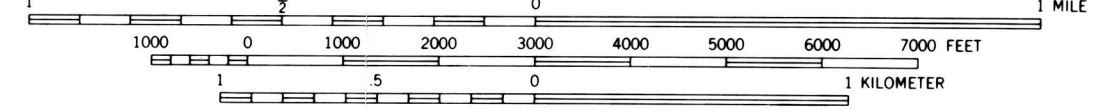
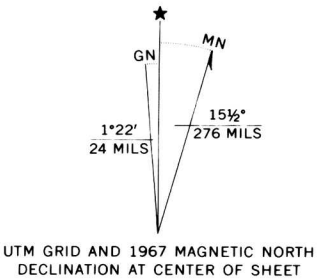
EXPLANATION

- 25 —
— 20 —
ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 5 feet.
 - 4000 —
— 3960 —
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.
 - U —
— D —
FAULT—Dashed where approximately located. U, up-thrown side; D, downthrown side.
 - 15
3326
DRILL HOLE—Showing thickness and altitude at the top of the coal bed, in feet.
 - △ 14.7
4110
COAL MINE—Showing thickness and altitude at the top of the coal bed, in feet.
 - × 6.4+
4280
COAL PROSPECT—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

(PEARL SCHOOL)
4674 1/4 SW
SCALE 1:24 000

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE HALF MOON HILL QUADRANGLE,
BIG HORN COUNTY, MONTANA**

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 7
ISOPACH AND STRUCTURE CONTOUR
MAP OF THE SMITH COAL BED