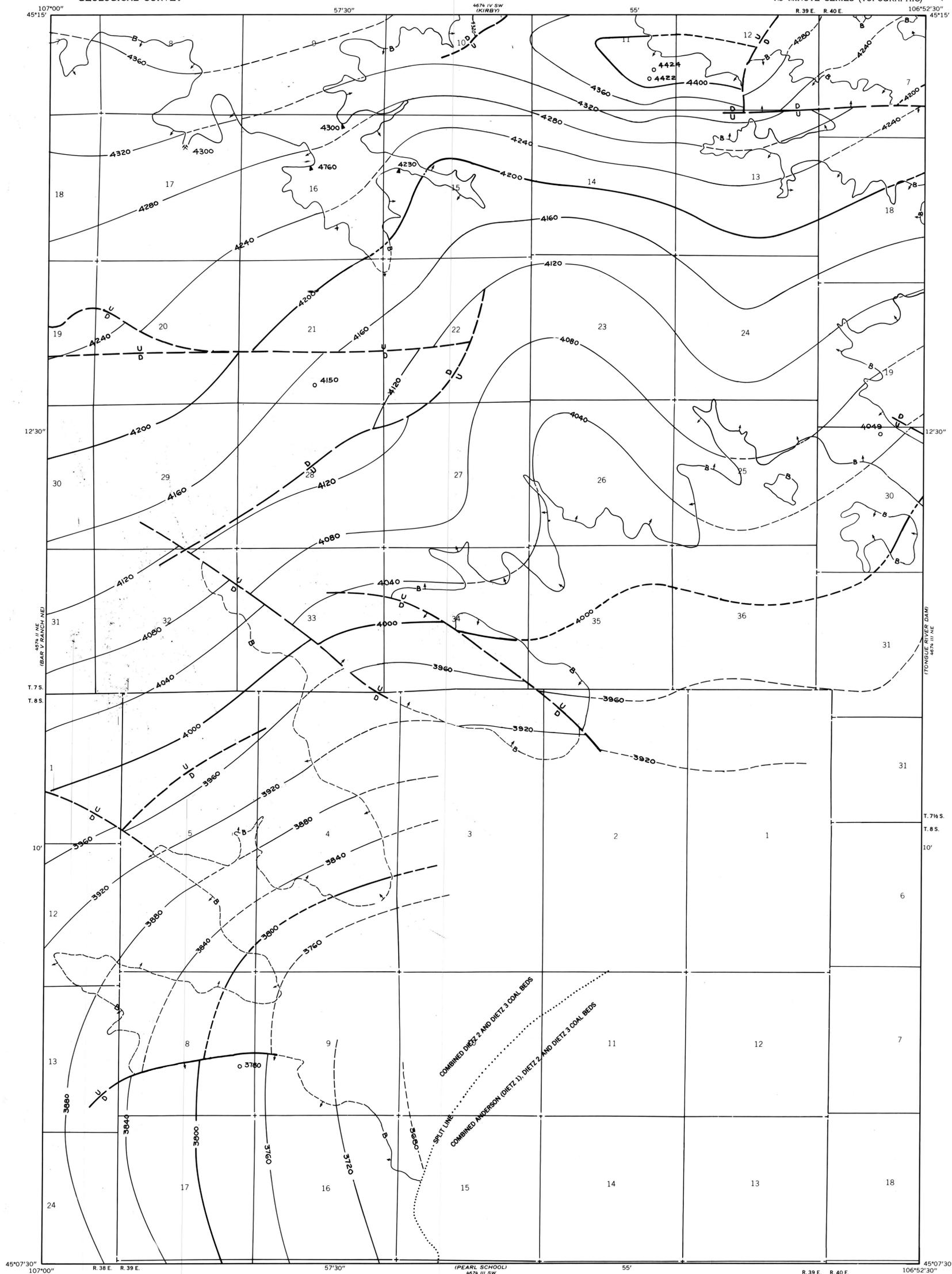


OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION

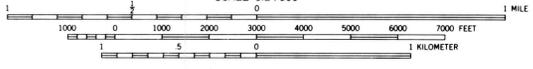
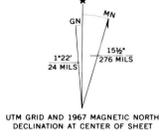
- 4200 —
- 4160 —
- STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 40 feet (12.2 m). Datum is mean sea level.
- 4230 —
- BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of the coal bed and/or the contact between burned and unburned 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. Number at triangle is altitude, in feet, at the top of the coal bed taken from topographic map at a point of coal thickness measurement.
- U —
— D —
- FAULT—Dashed where approximately located. U, up thrown side; D, downthrown side.
- 3780
- DRILL HOLE—Showing altitude at the top of the coal bed, in feet.
- ▲ 4300
- COAL MINE—Showing 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)
46° 14' 11" 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 15
STRUCTURE CONTOUR MAP OF
THE DIETZ 2 COAL BED