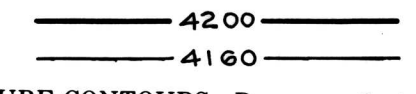
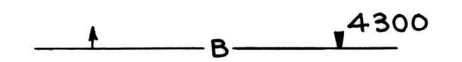


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.

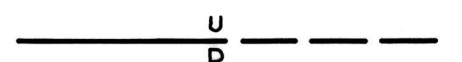
EXPLANATION



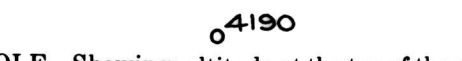
STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 40 feet (12.2 m). Datum is mean sea level.



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 the 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.

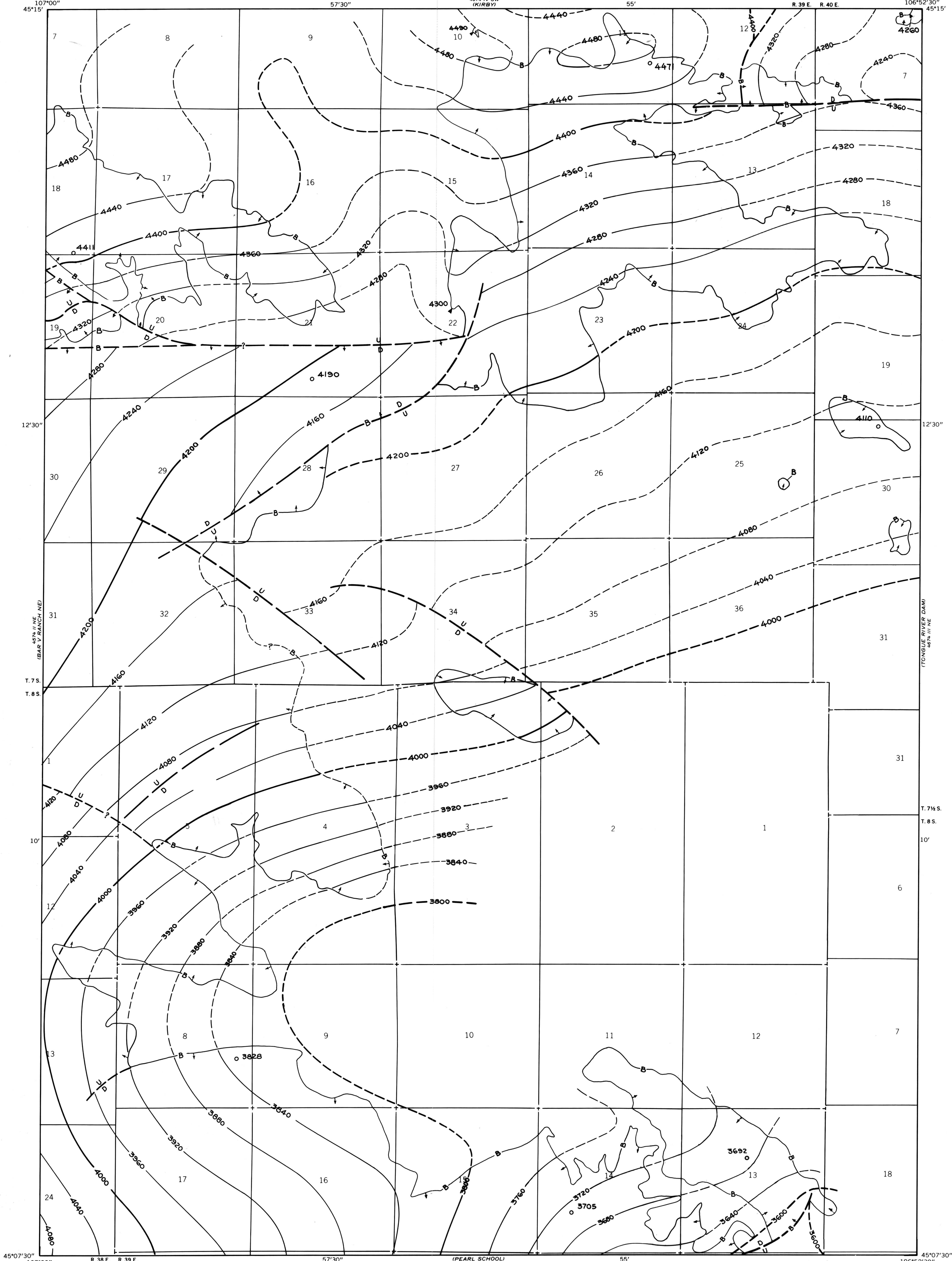


FAULT—Dashed where approximately located. U, up-thrown side; D, downthrown side.



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

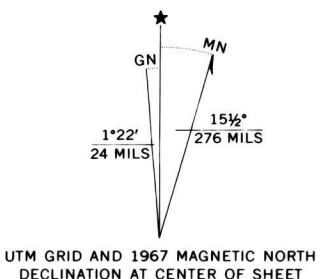
To convert feet to meters, multiply feet by 0.3048.



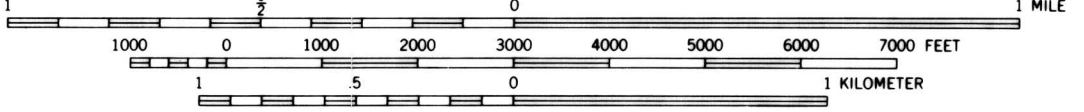
Base map from U.S. Geological Survey, 1967

(PEARL SCHOOL)  
4674 III SW  
SCALE 1:24 000

Compiled in 1977



UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



QUADRANGLE LOCATION

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

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

PLATE 11  
STRUCTURE CONTOUR MAP OF THE  
ANDERSON (DIETZ 1) COAL BED