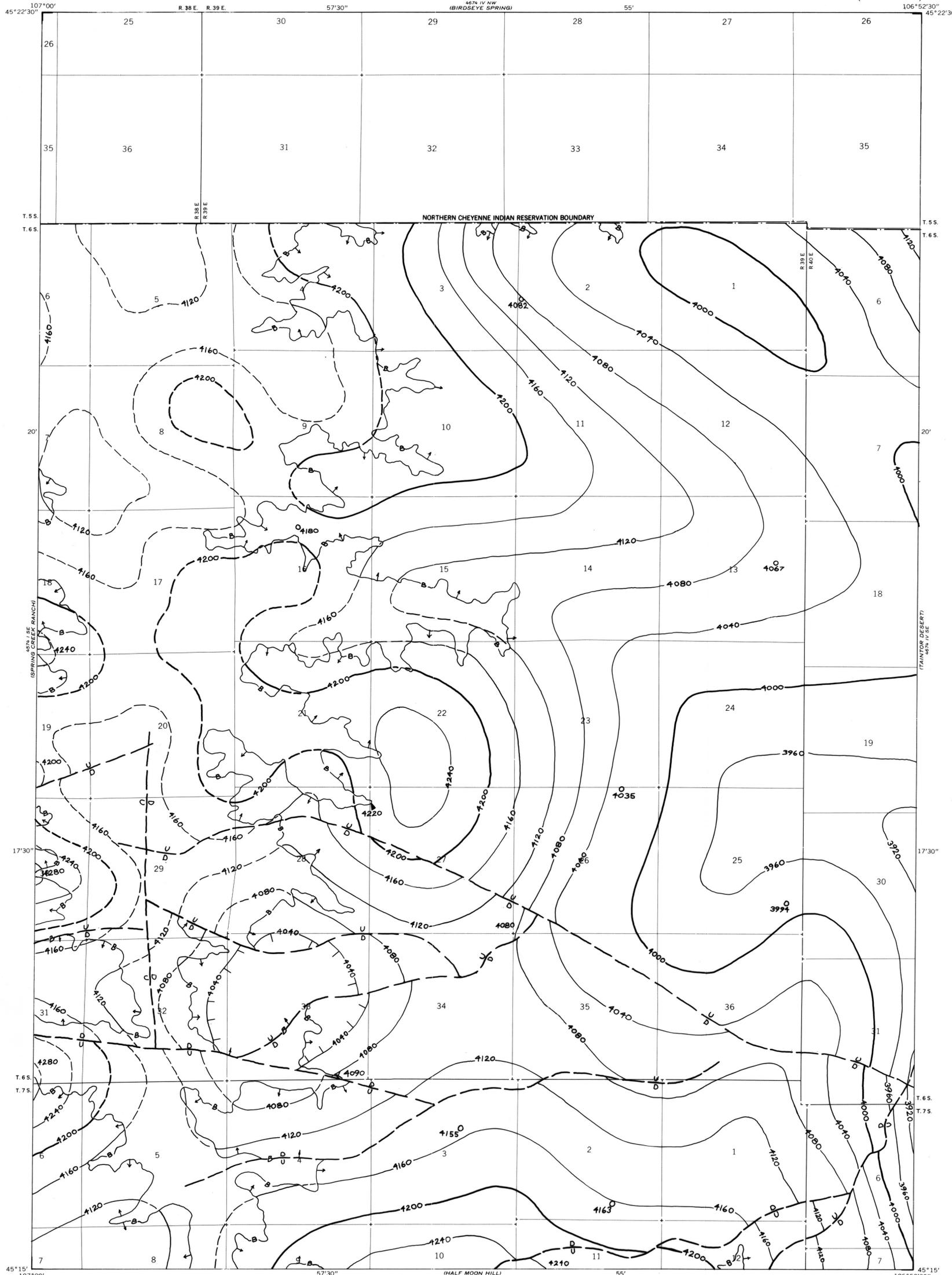


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.

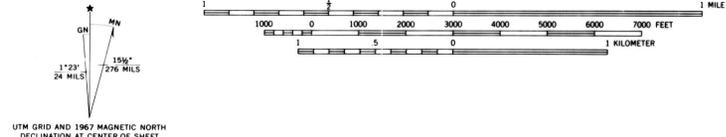


EXPLANATION

- 4000
- 3960
- 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.
- 4220
- 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.
- U  
D
- FAULT**—Dashed where approximately located. U, up-thrown side; D, downthrown side.
- 4035
- DRILL HOLE**—Showing altitude at the top of the coal bed, in feet.
- 4090
- COAL PROSPECT**—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

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE KIRBY QUADRANGLE,  
BIG HORN COUNTY, MONTANA**  
BY  
**COLORADO SCHOOL OF MINES RESEARCH INSTITUTE**  
1979