

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

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PLATE 5 OF 64

**EXPLANATION**

**STRUCTURE CONTOURS**--Drawn on top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

**BOUNDARY OF RESERVE BASE COAL**--Drawn along the outcrop of the coal bed, the contact between burned and unburned coal, and the fault boundary of the coal where the coal bed is 5 feet (1.5 m) or more thick; and the 5-foot (1.5 m) coal isopach. Arrows point toward area of Reserve Base coal. Number is altitude, in feet, of top of coal bed at triangle.

**DRILL HOLE**--Showing altitude of the top of the coal bed, in feet.

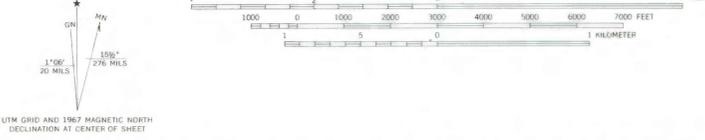
**FAULT**--U, upthrown side; D, downthrown side. Where fault is boundary of coal, arrow points toward coal-bearing area.

To convert feet to meters, multiply by 0.3.

Base from U.S. Geological Survey, 1967

SCALE 1:24,000

Compiled in 1977



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS  
OF THE PINE BUTTE SCHOOL QUADRANGLE, BIG HORN COUNTY, MONTANA**

By  
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PLATE 5  
STRUCTURE CONTOUR MAP  
OF THE ROLAND OF BAKER (1929)  
COAL BED