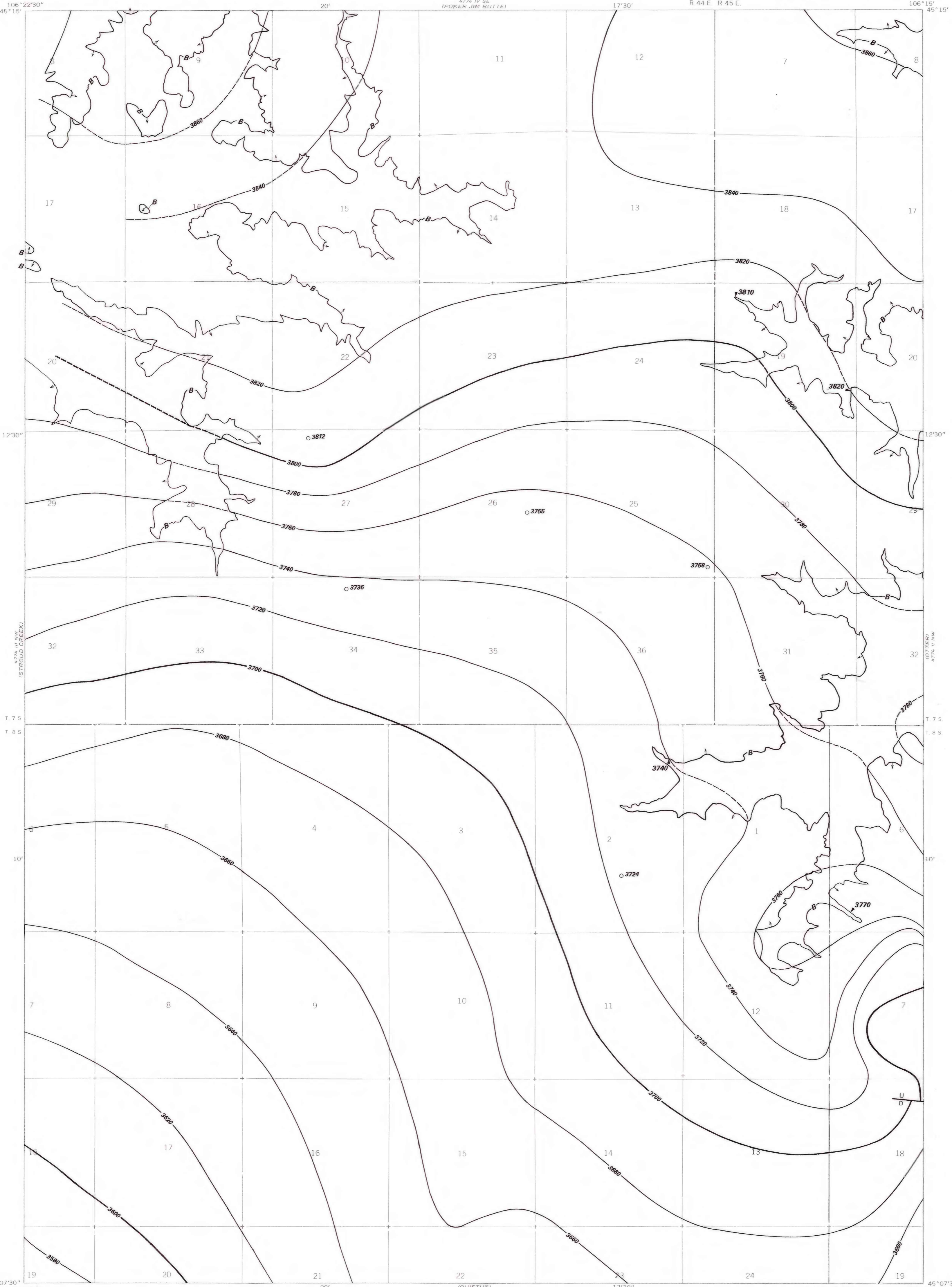


4724 IV SW  
(ROSEBUD COUNTY)

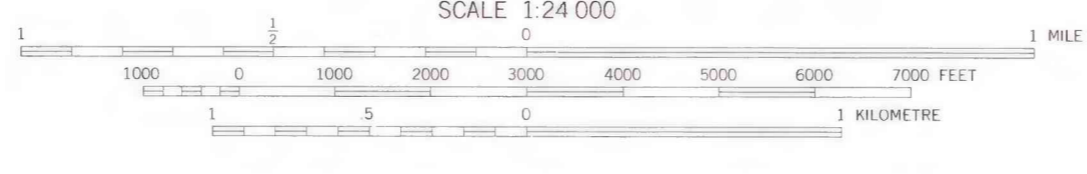
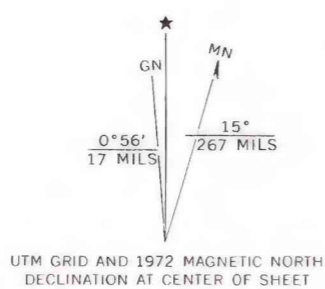


**OPEN-FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.  
**OPEN FILE REPORT 78-040**  
**PLATE 15 OF 54**

**EXPLANATION**

- 3800
- 3780
- STRUCTURE CONTOURS**--Drawn on top of the coal bed. Dashed where projected beyond boundary of Reserve Base coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.
- 3770
- BOUNDARY OF RESERVE BASE COAL**--Drawn along the outcrop of coal bed or the contact between burned and unburned coal where the coal bed is 5 feet (1.5 m) or more thick, and the 5-foot coal isopach. Arrows point toward area of Reserve Base coal. Number is altitude, in feet, of top of coal bed at triangle.
- U  
D
- FAULT**--U shows upthrown side; D shows downthrown side.
- 3758
- DRILL HOLE**--Showing altitude of the top of the coal bed, in feet.
- To convert feet to meters, multiply feet by 0.3.

Base from U.S. Geological Survey, 1972  
Compiled in 1977



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE HAMILTON DRAW QUADRANGLE, ROSEBUD, BIG HORN, AND POWDER RIVER COUNTIES, MONTANA**

BY  
W. J. MAPEL, B. K. MARTIN, AND B. A. BUTLER  
1978

PLATE 15  
STRUCTURE CONTOUR MAP OF THE DIETZ COAL BED