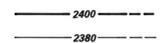


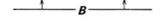
OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

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EXPLANATION



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

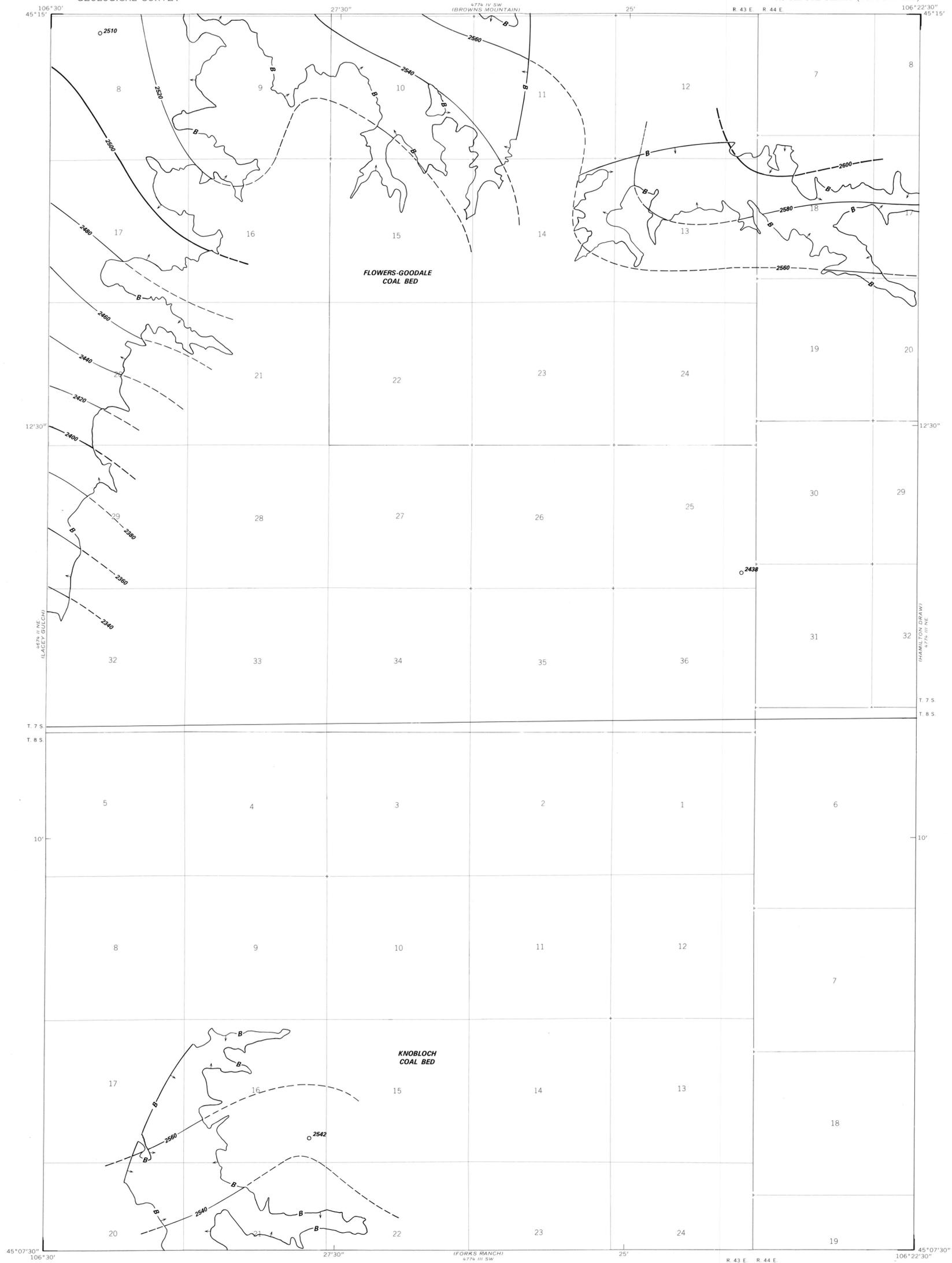


BOUNDARY OF RESERVE BASE COAL--Drawn along the 5-foot (1.5-m) coal isopach, the 1,000-foot (305-m) overburden isopach, and an arc 3 miles (4.8 km) from nearest complete measurement of coal bed. Arrows point toward area of Reserve Base coal.



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

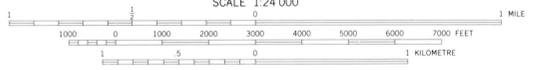
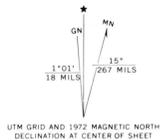
To convert feet to meters, multiply feet by 0.3.



Base from U.S. Geological Survey, 1972

SCALE 1:24 000

Compiled in 1977



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE
STROUD CREEK QUADRANGLE, ROSEBUD AND BIG HORN COUNTIES, MONTANA**

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

PLATE 50
STRUCTURE CONTOUR MAPS OF
THE KNOBLOCH AND FLOWERS-
GOODALE COAL BEDS