UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIRNEY QUADRANGLE
MONTANA – ROSEBUD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT

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

OPEN FILE REPORT 78–030
PLATE 5 OF 44

EXPLANATION

3700 ——— — —
3720 ——— — —

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.

B 3730

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 (1.5-m) coal isopach. Arrows point toward area of Reserve Base coal.

To convert feet to meters, multiply feet by 0.3.

Base from U.S. Geological Survey, 1967

SCALE 1:24 000

Compiled in 1977

UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE BIRNEY QUADRANGLE, ROSEBUD COUNTY, MONTANA

BY

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1978

PLATE 5
STRUCTURE CONTOUR MAP
OF THE CANYON COAL BED