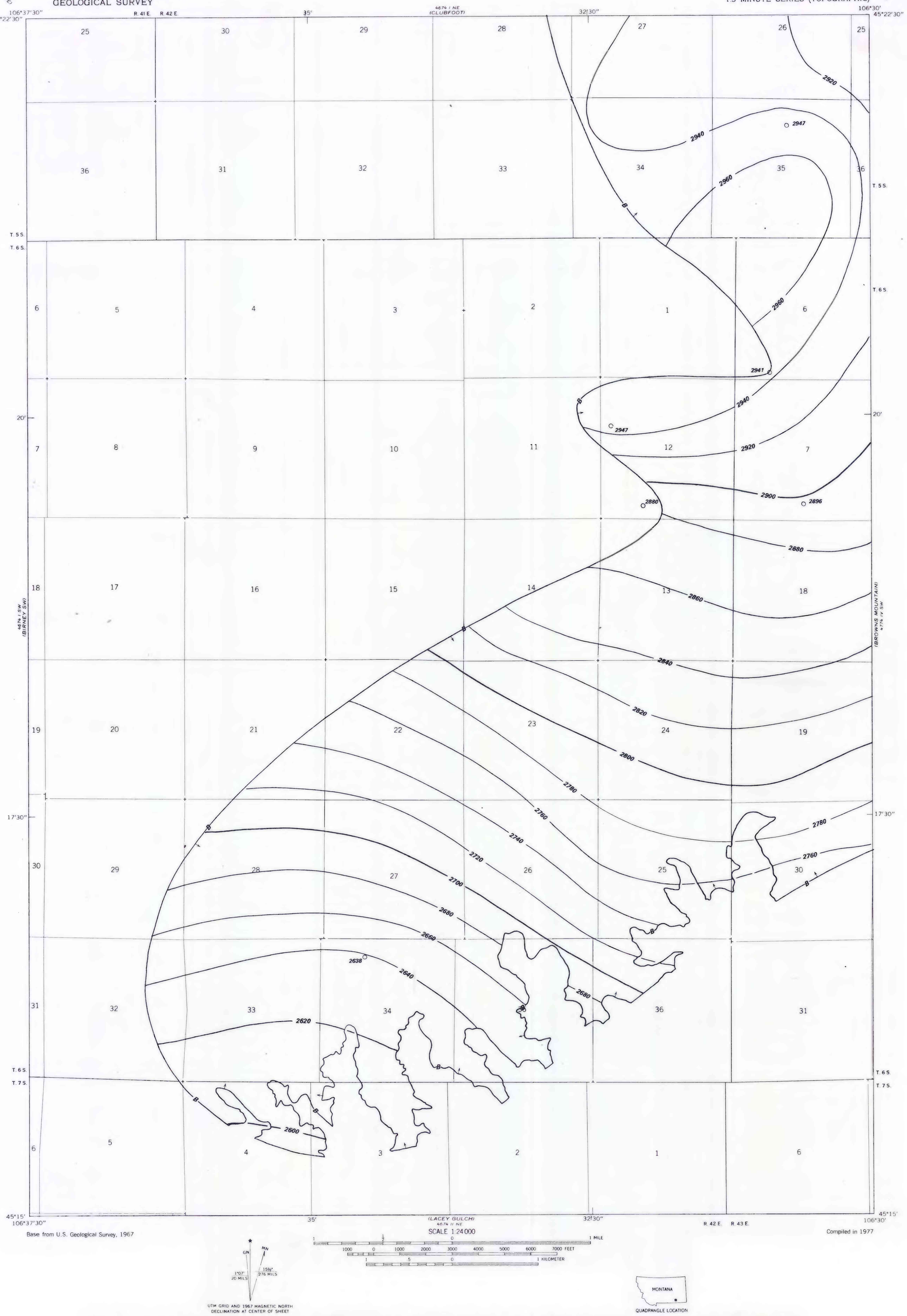
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 30 OF 44



Base from U.S. Geological Survey, 1967

Compiled in 1977

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

UTM GRID AND 1967 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

MONTANA
QUADRANGLE LOCATION

EXPLANATION

2600
2620

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.

B

BOUNDARY OF RESERVE BASE COAL—Drawn along the 5-foot (1.5-m) coal isopach, and the 1,000-foot (305-m) overburden isopach. Arrows point toward area of Reserve Base coal.

2638

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

To convert feet to meters, multiply feet by 0.3.

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

BY
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1978

PLATE 30
STRUCTURE CONTOUR MAP
OF THE NANCE COAL BED