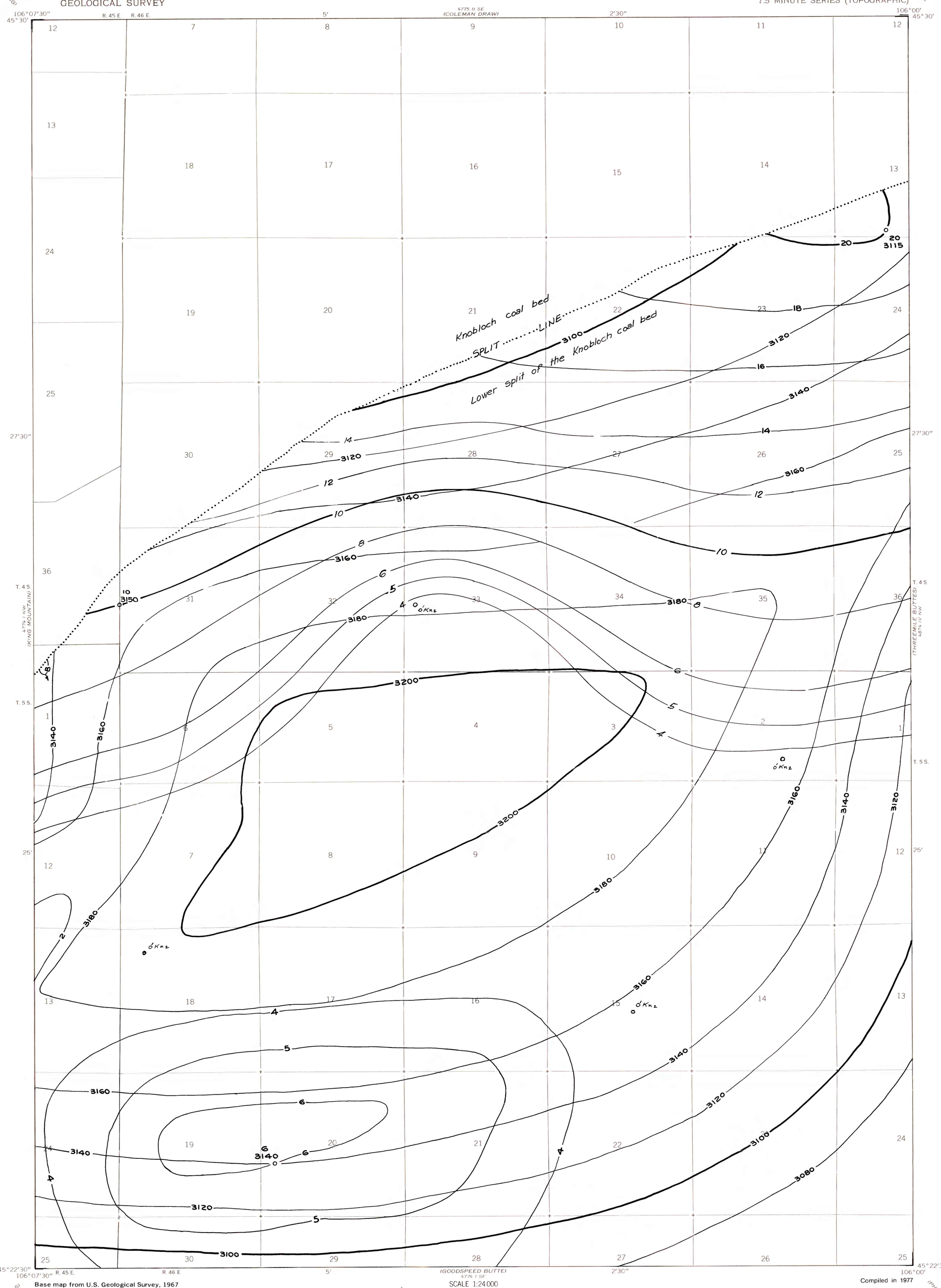
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

YAGER BUTTE QUADRANGLE
MONTANA–POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-102
PLATE 31 OF 43

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



Base map from U.S. Geological Survey, 1967

Compiled in 1977

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

GN MN 0°45' 13 MILS 15° 267 MILS

UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MONTANA

QUADRANGLE LOCATION

EXPLANATION

10
8

ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 2 feet, with an intermediate 5-foot isopach.

3200
3180

STRUCTURE CONTOURS—Drawn on the 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

BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area.

6
3140
0

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

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE YAGER BUTTE QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

PLATE 31

ISOPACH AND STRUCTURE CONTOUR MAP OF THE LOWER SPLIT OF THE KNOBLOCH COAL BED