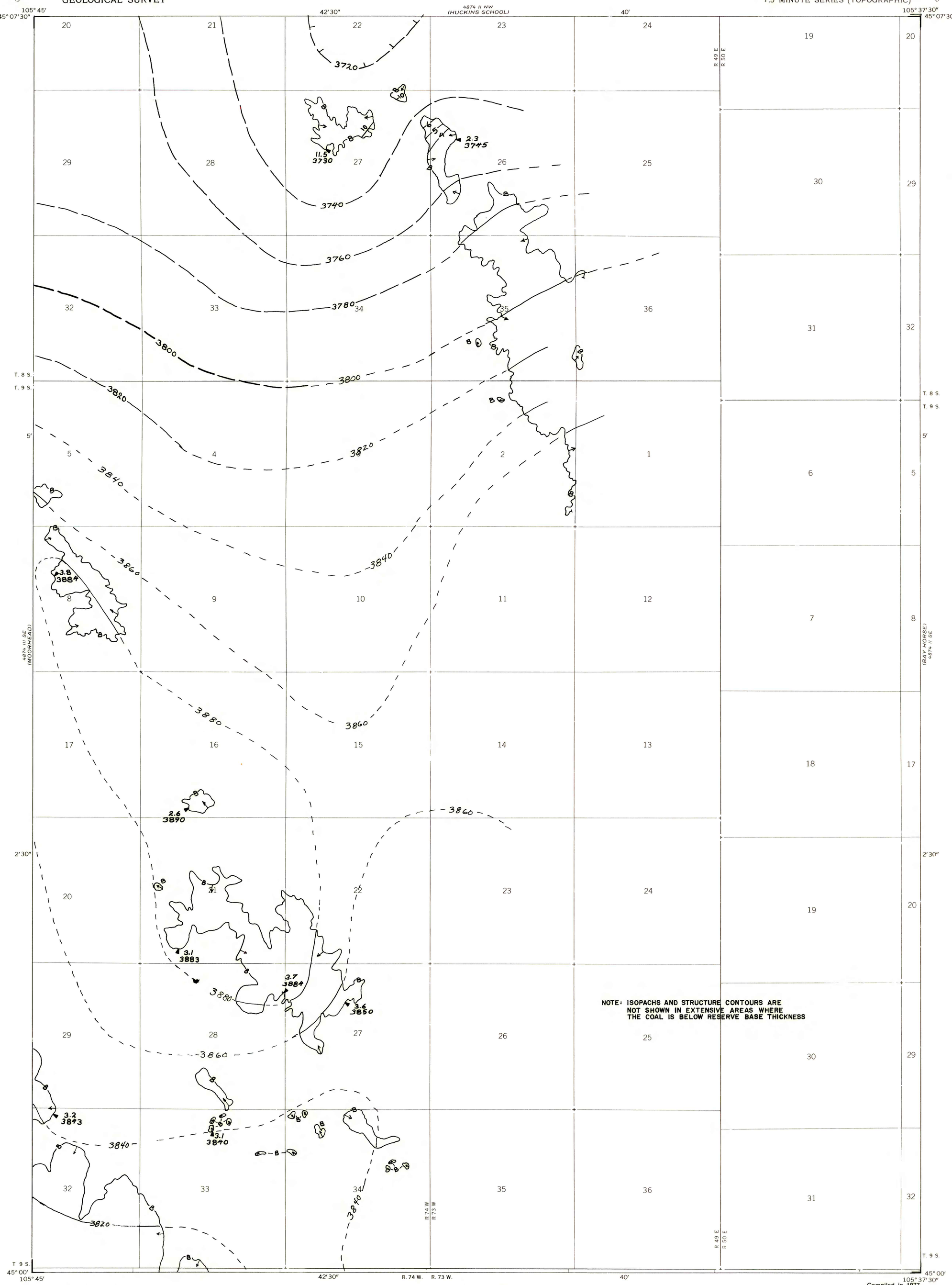
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THREE BAR RANCH QUADRANGLE
MONTANA—WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-791
PLATE 11 OF 35



Base map from U.S. Geological Survey, 1970

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°29' 9 MILS 14½° 258 MILS

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MONTANA

QUADRANGLE LOCATION

OPEN-FILE REPORT

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

EXPLANATION

8

10

ISOPACHS OF THE COAL BED—Showing thickness, in feet. Dashed where projected beyond boundary of coal. Isopach interval 2 feet, with an intermediate 5-foot isopach.

3780

3800

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

31
3840
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. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet.

To convert feet to meters, multiply feet by 0.3048.

PLATE 11

ISOPACH AND STRUCTURE CONTOUR MAP OF THE UPPER COOK COAL BED

COAL RESOURCE OCCURRENCE MAP OF THE THREE BAR RANCH QUADRANGLE, POWDER RIVER COUNTY, MONTANA AND CAMPBELL COUNTY, WYOMING

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979