UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOME CREEK BUTTE QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-091
PLATE 4 OF 4!

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

EXPLANATION

5
10

ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 5 feet.

4000
3960

STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 40 feet (12.2 m). Datum is mean sea level.

13+
4010
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. Plus (+) sign after number indicates incomplete measurement.

10
4112

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.

Base map from U.S. Geological Survey, 1966

Compiled in 1977

SCALE 1:24 000

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MONTANA
QUADRANGLE LOCATION

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

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

PLATE 4

ISOPACH AND STRUCTURE CONTOUR MAP OF THE CANYON COAL BED