

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

EXPLANATION

INDEX NUMBER OF MEASURED SECTION SHOWN ON PLATE 3 OF CRO MAP—Coal section measured at point of triangle.

LINE OF COMPOSITE SECTION—Showing index number of section shown on plate 3 of CRO map. Composite section is based on nearby coal bed thickness measurements.

OIL AND GAS TEST HOLE—Showing index number of hole shown on plate 3 of CRO map and drill-hole data, in feet.

OIL AND GAS TEST HOLE

COAL TEST HOLE—Showing index number of hole shown on plate 3 of CRO map, and drill-hole data, in feet.

GL—Ground elevation
NR—No record
R—Rock interval
C—Coal interval
R/—Rock occurrence of coal undeterminable
TD—Total depth

DRILL-HOLE DATA SYMBOLS

An—Anderson
D—Dietz
L—Local
Cy—Canyon
Ck—Upper Cook
4a—Number 4a bed
5—Number 5 bed
5a—Number 5a bed
Pa₁—Upper Pawnee
Pa₂—Middle Pawnee
Pa₃—Lower Pawnee
7—Number 7 bed
8—Number 8 bed
8a—Number 8a bed
Ca—Cache
11—Number 11 bed
Br—Broadus (Number 12 bed)

COAL BED SYMBOLS AND NAMES

TRACE OF COAL BED OUTCROP—Dashed where approximately located; short dashed where inferred. Showing thickness of coal, or coal-rock intervals, in feet, measured at triangle. Where a thickness fraction is shown, it indicates the net coal thickness (upper number) and net partings thickness (lower number). Letters designate the name of the coal bed as listed above. Arrows point toward coal-bearing area. Trace of coal outcrop has been modified from Bryson and Bass (1973, pl. 1) to fit modern topographic map.

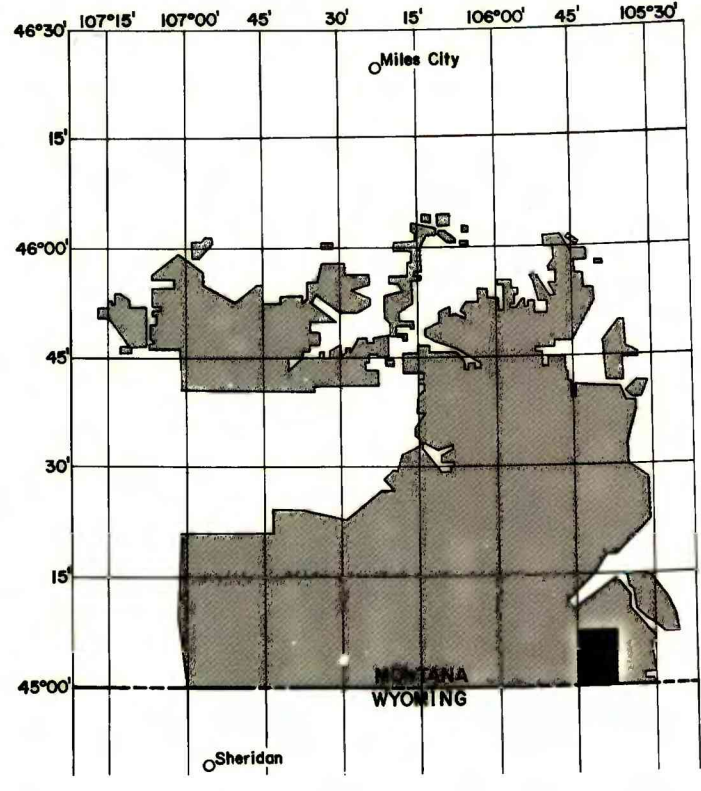
COAL MINE—Showing thickness and altitude at the top of the coal bed, in feet.

BURNED AND CLINKERED COAL BED—Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NONINDEXED DATA POINTS

Bryson, R.P., and Bass, N.W., 1973. Geology of Moorhead coal field, Powder River, Big Horn and Rosebud Counties, Montana: U.S. Geol. Survey Bull. 1338, 116 p.



INDEX MAP—Showing location of the Three Bar Ranch quadrangle and the Northern Powder River Basin Known Recoverable Coal Resource Area (stippled), Montana and Wyoming.

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

BY
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