



OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.
OPEN FILE REPORT 78-040
PLATE 1 OF 54

EXPLANATION

10 ○ GL 3860
R 88
C 38(A)
R 6
TD 130

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

9 ● GL 3882
NR 200
R 116
C 28(Cy)
R 4
C 4(Ly)
R 115
C 12(Co)

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

GL - Ground-level elevation
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

DRILL-HOLE DATA SYMBOLS

- RB - Roland of Baker (1929)
- Sm - Smith
- An - Anderson
- D - Dietz
- JCy - Upper Canyon
- LCy - Lower Canyon
- Co - Cook
- Or - Otter
- PJ - Pöker Jim
- BA - Brewster-Arnold
- K - Knobloch
- FG - Flowers-Goodale
- Local

COAL BED SYMBOLS AND NAMES

4+ **TRACE OF COAL BED OUTCROP--**
Shows thickness of coal, in feet, measured at triangle. Letters designate the name of the coal bed as listed above. Arrow points toward coal-bearing area. Plus (+) sign after number indicates measurement is incomplete.

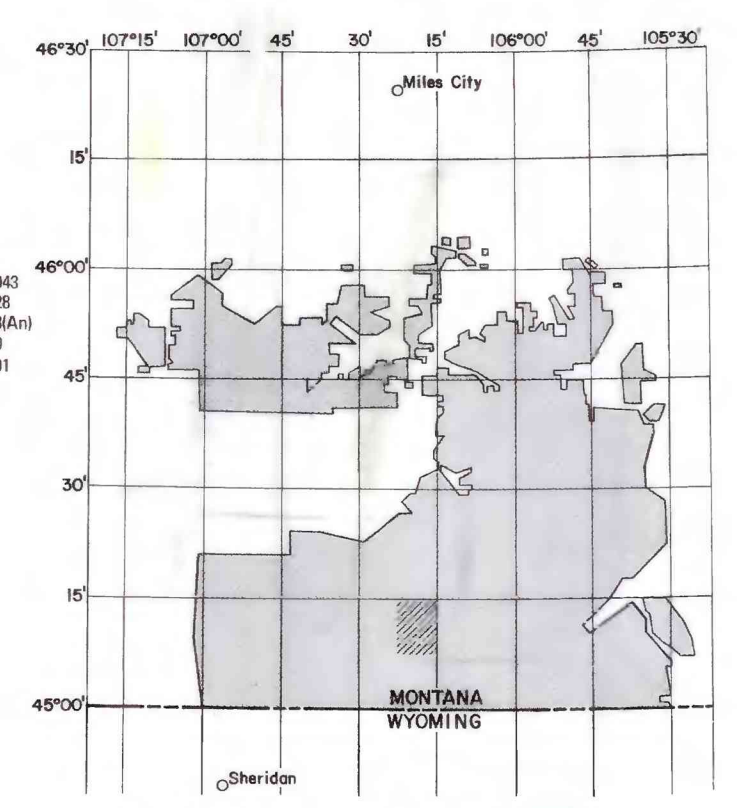
CLINKER--Showing rock that is baked and fused by the heat from burning of a coal bed (v symbol). Solid line is the base of the clinker. Dotted line is the inferred limit of burning. Arrow points toward coal-bearing area.

FAULT--U shows upthrown side; D shows downthrown side.

to convert feet to meters, multiply feet by 0.3.

REFERENCE

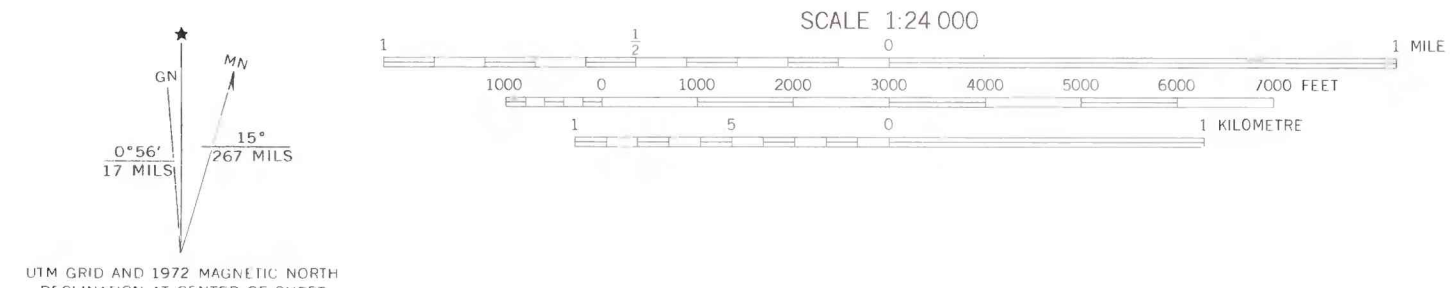
Baker, A. A., 1929, the northward extension of the Sheridan coal field, Big Horn and Rosebud Counties, Montana; U.S. Geol. Survey Bull. 806-B, p. 15-67.



MAP SHOWING LOCATION OF THE HAMILTON DRAW QUADRANGLE (RULED) AND THE NORTHERN POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (SHADED), MONTANA

Base from U.S. Geological Survey, 1972

Compiled in 1977



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE HAMILTON DRAW QUADRANGLE, ROSEBUD, BIG HORN, AND POWDER RIVER COUNTIES, MONTANA

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