

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

OPEN FILE REPORT 78-651

PLATE 1 OF 64

EXPLANATION

③ ○ GL 4180
R 104
C 58(AD)
R 18
TD 180

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

① ● GL 4132
R 316
C 4(Ucy)
R 34

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

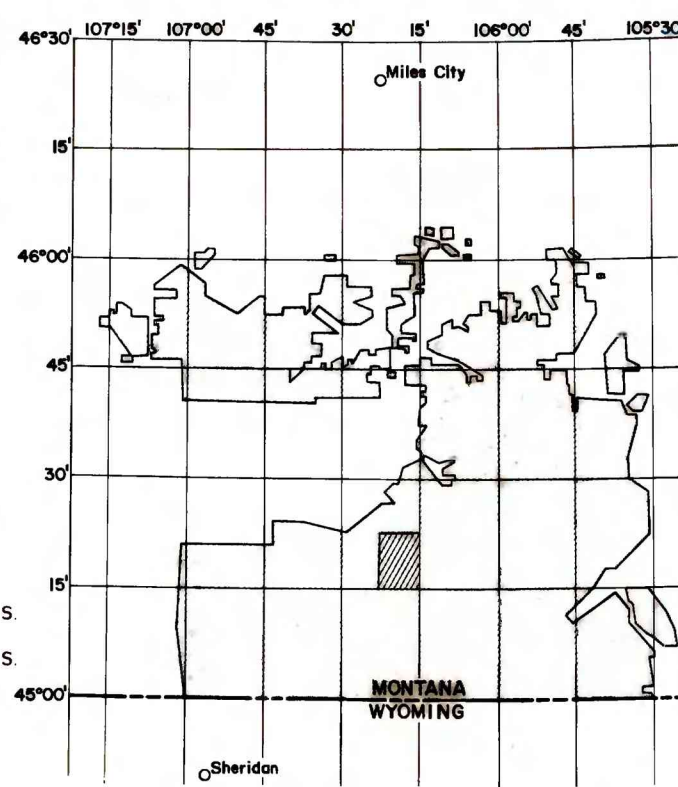
An - Anderson
AD - Anderson and Dietz, combined
D - Dietz
UCy - Upper Canyon
LCy - Lower Canyon
Co - Cook
Ot - Otter
W - Wall
P - Pawnee
PJ - Poker Jim
BA - Brewster-Arnold
Kg - King
K - Knobloch
N - Nance
FG - Flowers-Goodale
T - Terret
L - Local



TRACE OF COAL BED OUTCROP--Showing 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.

To convert feet to meters, multiply feet by 0.3.



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

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE
POKER JIM BUTTE QUADRANGLE, ROSEBUD AND POWDER RIVER COUNTIES, MONTANA

BY
W. J. MAPEL, B. K. MARTIN, AND B. A. BUTLER
1978