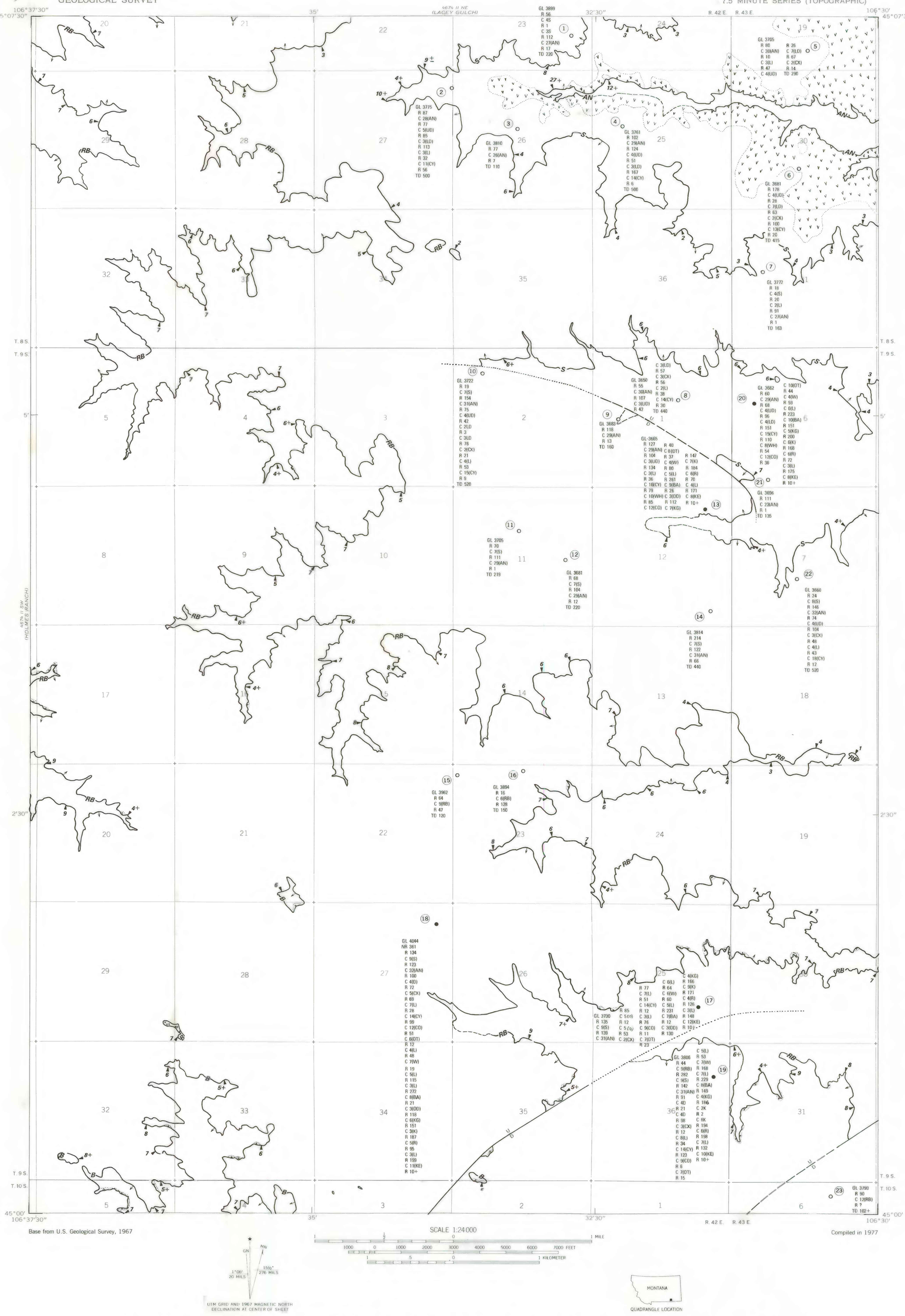
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PINE BUTTE SCHOOL QUADRANGLE
MONTANA–BIG HORN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1967

Compiled in 1977

OPEN-FILE REPORT

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

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PLATE 1 OF 64

EXPLANATION

(21) GL 3696 R 111 C 23(AN) R 1 TD 135

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

(17) GL 3730 R 135 C 9(S) R 139 C 31(AN) R 10+

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
TD - Total depth
R - Rock interval
C - Coal interval

DRILL-HOLE DATA SYMBOLS

B - Badger
RB- Roland of Baker (1929)
S - Smith
AN- Anderson
D - Dietz
UD- Upper Split of Dietz
LD- Lower Split of Dietz
CX- Cox
L - Local
CY- Canyon
WH- White
CO- Cook
OT- Otter
L - Local
W - Wall
BA- Brewster-Arnold
OD- Odell
KG- King
K - Knobloch
R - Roberts
L - Local
KE- Kendrick

COAL BED SYMBOLS AND NAMES

7 RB

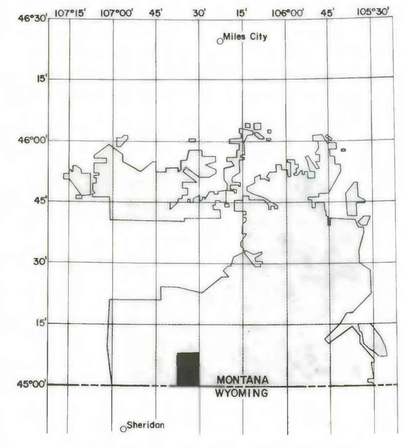
TRACE OF COAL BED OUTCROP--Dashed where inferred. Showing thickness of coal in feet, measured at triangle, and symbol for name of coal bed. Arrow points toward coal-bearing area.

CLINKER--Baked and fused rock formed by the burning of coal bed. Dotted line shows inferred extent of burn.

U D

Fault, dashed where inferred; dotted where concealed. U, upthrown side, D, downthrown side.

Note: 1 foot = 0.3 meter



MAP SHOWING LOCATION OF THE PINE BUTTE SCHOOL QUADRANGLE (RULED) AND THE NORTHERN POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), MONTANA

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE PINE BUTTE SCHOOL QUADRANGLE, BIG HORN COUNTY, MONTANA

By
W. C. CULBERTSON, L. N. ROBINSON AND T. M. GAFFKE

1978

PLATE 1
COAL DATA MAP