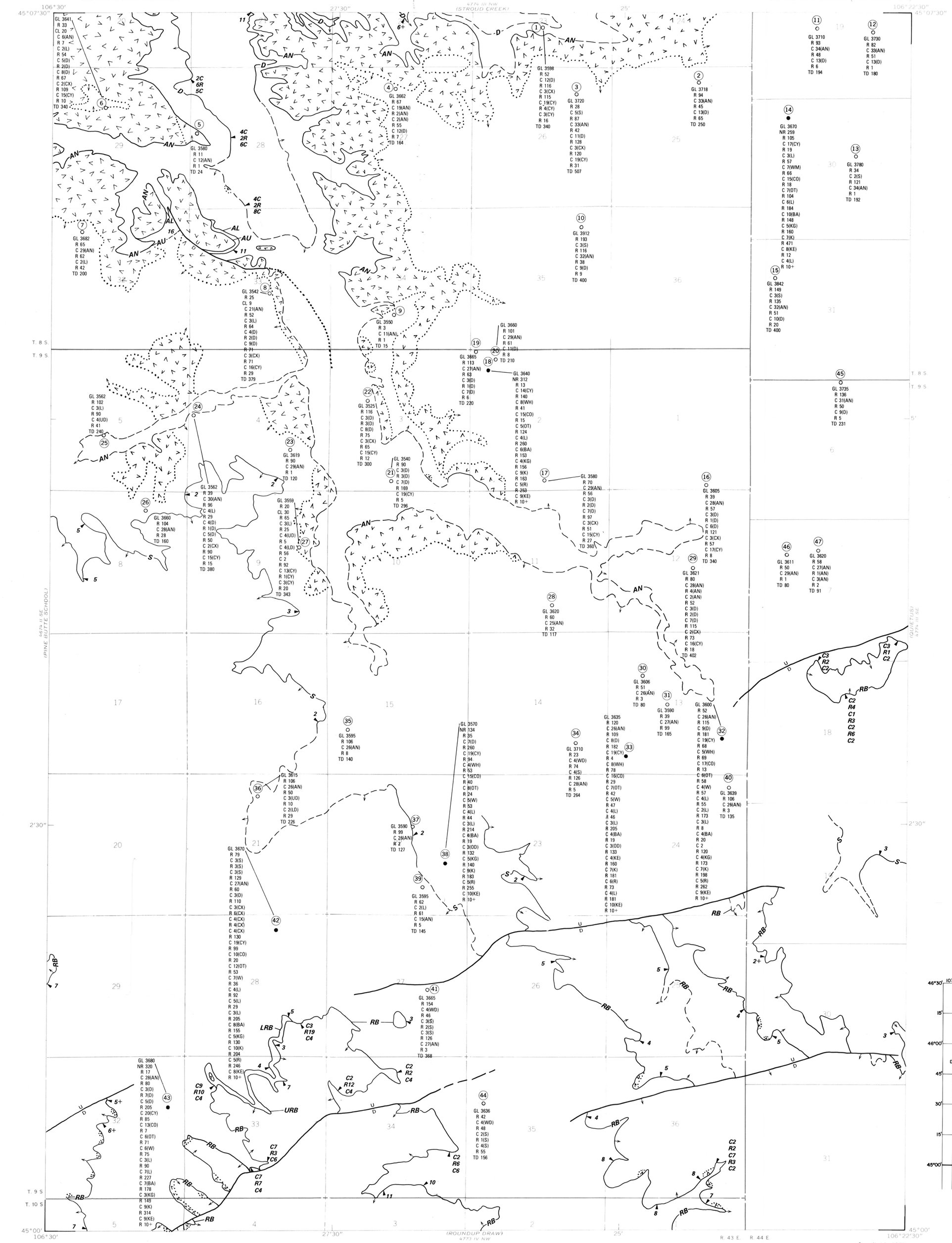
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FORKS RANCH QUADRANGLE
MONTANA–BIG HORN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1972

Compiled in 1977

SCALE 1:24 000

1 MILE — 7000 FEET — 1 KILOMETRE

GN — MN — 1°01' 18 MILS — 15° 267 MILS

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MONTANA

QUADRANGLE LOCATION

OPEN-FILE REPORT

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

OPEN FILE REPORT 78-653

PLATE 1 OF 59

EXPLANATION

GL 3611
R 50
C 29(AN)
R 1
TD 80

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

GL 3670
R 79
C 3(S)
R 3(S)
C 3(S)

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
CL - Clinker interval
R - Rock interval
C - Coal interval

DRILL-HOLE DATA SYMBOLS

RB - Roland of Baker (1929)
URB - Upper split of Roland
LRB - Lower split of Roland
WD - Waddle
S - Smith
AN - Anderson
AU - Upper split of Anderson
AL - Lower split of Anderson
L - Local
D - Dietz
UD - Upper split of Dietz
LD - Lower split of Dietz
CX - Cox
CY - Canyon
WH - White
OT - Otter
W - Wall
BA - Brewster-Arnold
OD - Odell
KG - King
K - Knobloch
R - Roberts
KE - Kendrick

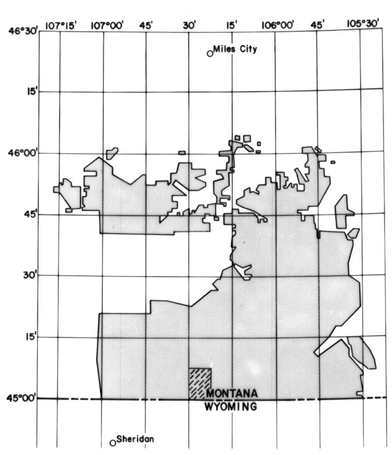
COAL BED NAMES AND SYMBOLS

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

TRACE OF COAL BED OUTCROP--Long-dashed where inferred, short-dashed where concealed. Showing thickness of coal measured at triangle, or thickness of coal (C) and rock (R) measured at triangle. Symbol shows name of coal bed. Arrows point toward coal-bearing area.

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

Note: 1 foot = 0.3 meter



MAP SHOWING LOCATION OF THE FORKS RANCH 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 FORKS RANCH QUADRANGLE, BIG HORN COUNTY, MONTANA

By

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1979

PLATE 1
COAL DATA MAP