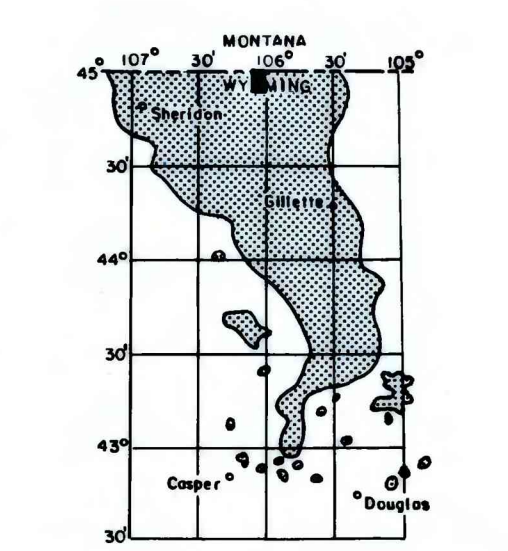


EXPLANATION

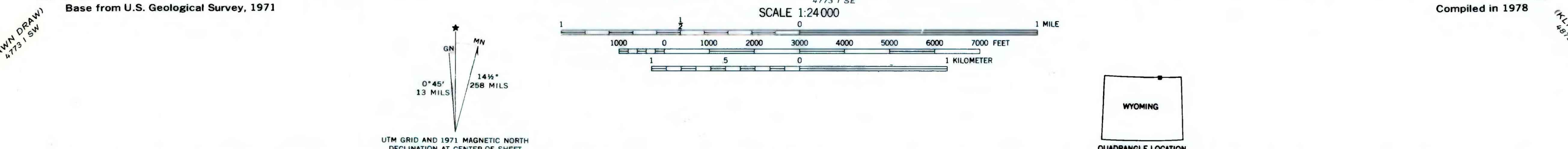
- GL 3678
 - NR 154
 - R 132
 - C 24(Co)
- OIL AND GAS TEST HOLE—Showing index number of hole on plate 3 of CRO map and drill hole data, in feet.
- GL — Ground level elevation
 - NR — No record
 - R — Rock interval
 - C — Coal interval
 - U — 10+
- DRILL HOLE DATA SYMBOLS
- Ar — Arvada
 - RB — Roland of Baker
 - S — Smith
 - A — Anderson
 - D — Dietz
 - UC — Upper Canyon
 - LC — Lower Canyon
 - Co — Cook
 - W — Wall
 - P — Pawnee
 - O — Oedekoven
 - L — Local coal bed
- COAL BED SYMBOLS AND NAMES
- TRACE OF COAL BED OUTCROP—Showing thickness of coal, in feet, measured at triangle. Asterisk designates measured section was used in isopach mapping. Letter and number designate the name of the coal bed as listed above. Arrow points toward the coal-bearing area.
- 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.

Two U. S. Geological Survey publications, The Norwood Gas Fields (Bryson and Bass, 1931) and the Spotted Horse Gas Field (Dine, 1937), join at the Montana-Wyoming state line. Coal and nomenclature, identification, and mapping are in disagreement on either side of the state line. The following table sets forth the coal bed nomenclature relationships between the Cabin Creek Northeast Quadrangle, that relates to Dine's work, and the Spotted Horse Gas Field, that relates to Bryson and Bass' publication.

Cabin Creek Northeast	Spotted Horse Quadrangle
Arvada	Arvada
Roland of Baker	Roland of Baker
Anderson	Anderson
Upper Canyon	Canyon
Lower Canyon	Upper Cook
Cook	Lower Cook
Wall	Pawnee
Co	Cook
W	Cache
P	King
O	Koebich
L	Flowers-Goodale
	Bronck



MAP SHOWING LOCATION OF THE CABIN CREEK QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING



COAL RESOURCE OCCURRENCE MAP OF THE CABIN CREEK NE QUADRANGLE, SHERIDAN AND CAMPBELL COUNTIES, WYOMING AND POWDER RIVER COUNTY, MONTANA

BY
IntraSearch
1978

PLATE 1
COAL DATA MAP

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