

EXPLANATION

GL 7178
R 29
C 11(G)
NR

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRD map or in table of text. Letters designate name of coal bed(s) as listed below.

GL 7155
R 773.9
C 4(A)
R 2222.1+

OIL AND GAS TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRD map or in table of text.

6.0

OUTCROP MEASURED SECTION - Showing coal thickness, in feet. Index number refers to section on plate 3 of CRD map or in table of text.

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

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

A - A (Cricken Springs) of Lower Fort Union Coal Zone
B - B (Fillmore Ranch) of Lower Fort Union Coal Zone
C - C (Muddy Creek) of Lower Fort Union Coal Zone
D1 - D1 (Separation Creek) of Lower Fort Union Coal Zone
E1 - E1 (Olson Draw) of Lower Fort Union Coal Zone
F1 - F1 of Lower Fort Union Coal Zone
F2 - F2 (Red Rim) of Lower Fort Union Coal Zone
G - G (Daleys Ranch) of Lower Fort Union Coal Zone
FU - Fort Union, undifferentiated
La-FH - Lance-Fox Hills Coal Zone
W - W bed of Almond
X - X bed of Almond
Y - Y bed of Almond
Z - Z bed of Almond-Allen Ridge
Al - Almond, undifferentiated
L - Local

COAL BED SYMBOLS AND NAMES - Coal beds or zones identified by bracketed numbers on this plate are not formally named, but are numbered for identification purposes in this quadrangle only.

20

STRIKE AND DIP OF BEDS

10+ 5

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 the coal-bearing area. Dashed where inferred; dotted where concealed.

BURNED AND CLINKERED COAL - 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.

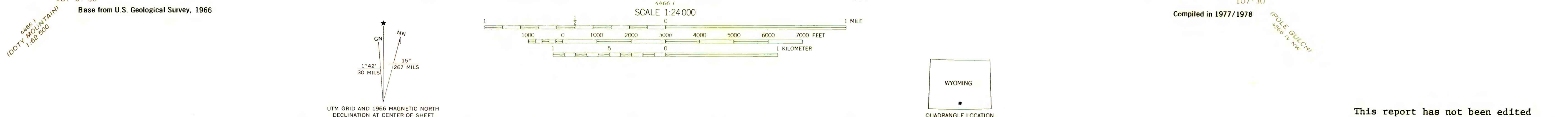
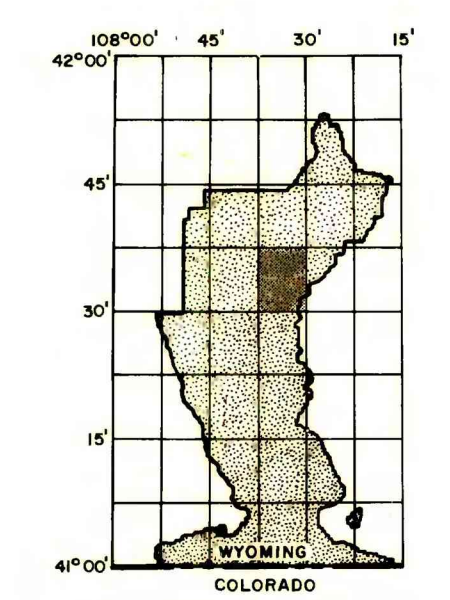
REFERENCES

Edson, G. M., in press (b), Preliminary geologic map of the northwestern part of the Rawlins (Little Snake River) Known Recoverable Coal Resources Area (KRCA): U.S. Geol. Survey Conservation Division, unpublished map, scale 1:63,360.

Edson, G. M., and Barclay, C. S. V., in press, Preliminary geologic map and coal sections of the Fillmore Ranch quadrangle, Carbon County, Wyoming: U.S. Geol. Survey Conservation Division, unpublished maps, tables, cross-sections, and field notes.

Rocky Mountain Energy Co., 1977, Unpublished drill hole data from the Union Pacific coal inventory of 1971 and the Red Rim China Butte projects.

NOTE: Indexed drill holes without coal-rock data have been used to prepare derivative maps in this quadrangle. These drill holes are identified in the text of the report and the coal-rock data for each drill hole is available from Rocky Mountain Energy Company.



COAL RESOURCE OCCURRENCE MAP OF THE FILLMORE RANCH QUADRANGLE, CARBON COUNTY, WYOMING

BY
DAMES & MOORE
1978

PLATE 1
COAL DATA MAP