UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOUTHWEST RAWLINS PEAK QUADRANGLE
WYOMING-CARBON CO
7½ MINUTE SERIES (TOPOGRAPHIC)

Base from U.S. Geological Survey, 1956

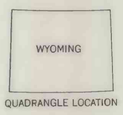
Compiled in 1977/1978

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER



QUADRANGLE LOCATION

EXPLANATION

(26)
GL 6969
R 11.0
C 9.0 (G)
R 19.0
C 7.0 (G)
R 4.0
TD 50

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

Pine Bed Mine
Abandoned C 9.8 (F2)

MINE MEASURED SECTIONS - Showing rock interval and coal thickness, in feet, and name of mine when known. Letters designate name of coal bed as listed below.

R 2.0
C 4.0(La-FH)
R 2.0

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Letters designate name of coal bed as listed below.

GL - Ground level elevation
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED SECTION DATA SYMBOLS

B - B (Fillmore Ranch) of Lower Fort Union Coal Zone
E1 - E1 (Olson Draw) of Lower Fort Union Coal Zone
E2 - E2 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
GL - GL (Lower Daleys Ranch) of Lower Fort Union Coal Zone
FU - Fort Union, undifferentiated
La-FH - Lance-Fox Hills, undifferentiated

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.

C 9.5 FU[2]

TRACE OF COAL BED OUTCROP - Showing thickness of coal, in feet, measured at triangle. Letters and bracketed numbers designate the name of the coal bed as listed above. Arrow points toward the coal-bearing area. Dashed line indicates inferred outcrop.

TRACE OF AXIAL PLANE OF ASYMMETRIC SYNCLINE - Showing direction of plunge. Short arrow indicates steeper limb.

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

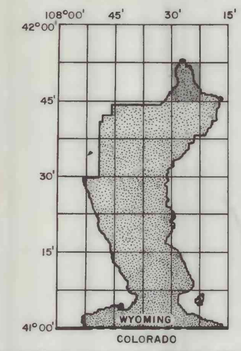
Edson, G. M., 1977, Known recoverable coal resource area (KRCRA) map, partial compilation: U.S. Geological Survey unpublished map.

Rocky Mountain Energy Company, Unpublished data from the Union Pacific coal inventory of 1971, and drill hole data from the Red Rim project.

Smith, E. E., 1909, The eastern part of the Great Divide coal field, Wyoming, in Coal Fields of Wyoming: U.S. Geological Survey Bulletin 341-B, p. 220-242.

U.S. Geological Survey (no date), Inactive Coal Leasee No. Cheyenne-048800, Pine Bed Coal Company.

U.S. Geological Survey (no date), Holes drilled for classification and evaluation of lands in the Rawlins (Little Snake River) KRCRA, Carbon County, Wyoming, by the Conservation Division during 1975, 1976, and 1977; unpublished table.



MAP SHOWING LOCATION OF THE SOUTHWEST QUARTER OF THE RAWLINS PEAK 15-MINUTE QUADRANGLE (SHADED) AND THE RAWLINS KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

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

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE RAWLINS PEAK 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY
DAMES & MOORE
1978

PLATE 1
COAL DATA MAP