UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 79-144

PLATE 1 OF 3

SOUTHEAST FIREHOLE BASIN QUADRANGLE
WYOMING-SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Base from U.S. Geological Survey, 1957-66

Compiled in 1978

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

UTM GRID AND 1957 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

EXPLANATION

GL 6815
R 31
C 2(E)
R 25
C 4(D)
R 328
TD 390

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 as listed below.

C 3.5(G)
R 16
C 3.1(F)

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CRO map. Letters designate name of coal bed(s) as listed below.

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

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

BF - Big Firehole of the Wasatch
MF - Middle Firehole of the Wasatch
G - G (Bacon Ridge) bed of the Fort Union
F - F bed of the Fort Union
E - E (Bitter Creek) bed of the Fort Union
D - D bed of the Fort Union
L - Local

COAL BED SYMBOLS AND NAMES

4.6 G

TRACE OF COAL BED OUTCROP - Showing thickness of coal, in feet, measured at triangle. Index number refers to section on plate 3 of CRO map. Letters designate name of coal bed as listed above. Arrow points toward coal-bearing area.

To convert feet to meters, multiply feet by 0.3048.

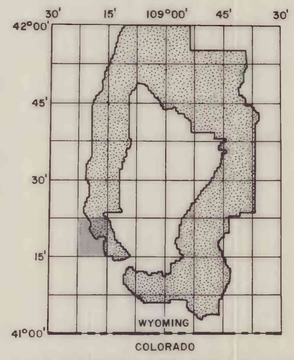
REFERENCES

Culbertson, W. C., (no date), Geologic map of parts of the Firehole Basin 15-minute quadrangle, Sweetwater County, Wyoming: U.S. Geol. Survey, unpublished map, scale 1:62,500.

Rocky Mountain Energy Co., (no date), Unpublished drill hole data from the Union Pacific coal inventory of 1970.

Roehler, H. W., 1977, (scale 1:126,720) Geologic map of the Rock Springs uplift and adjacent areas, Sweetwater County, Wyoming: U.S. Geol. Survey Open-File Report 77-242.

Schultz, A. R., 1910, The southern part of the Rock Springs coal field, Sweetwater County, Wyoming, in Coal fields in Wyoming: U.S. Geol. Survey bull. 381-B, p. 24-281.



MAP SHOWING LOCATION OF THE SOUTHEAST QUARTER OF THE FIREHOLE BASIN 15-MINUTE QUADRANGLE (SHADED) AND THE ROCK SPRINGS 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 SOUTHEAST QUARTER OF THE FIREHOLE BASIN 15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY
DAMES & MOORE

1979

PLATE 1
COAL DATA MAP