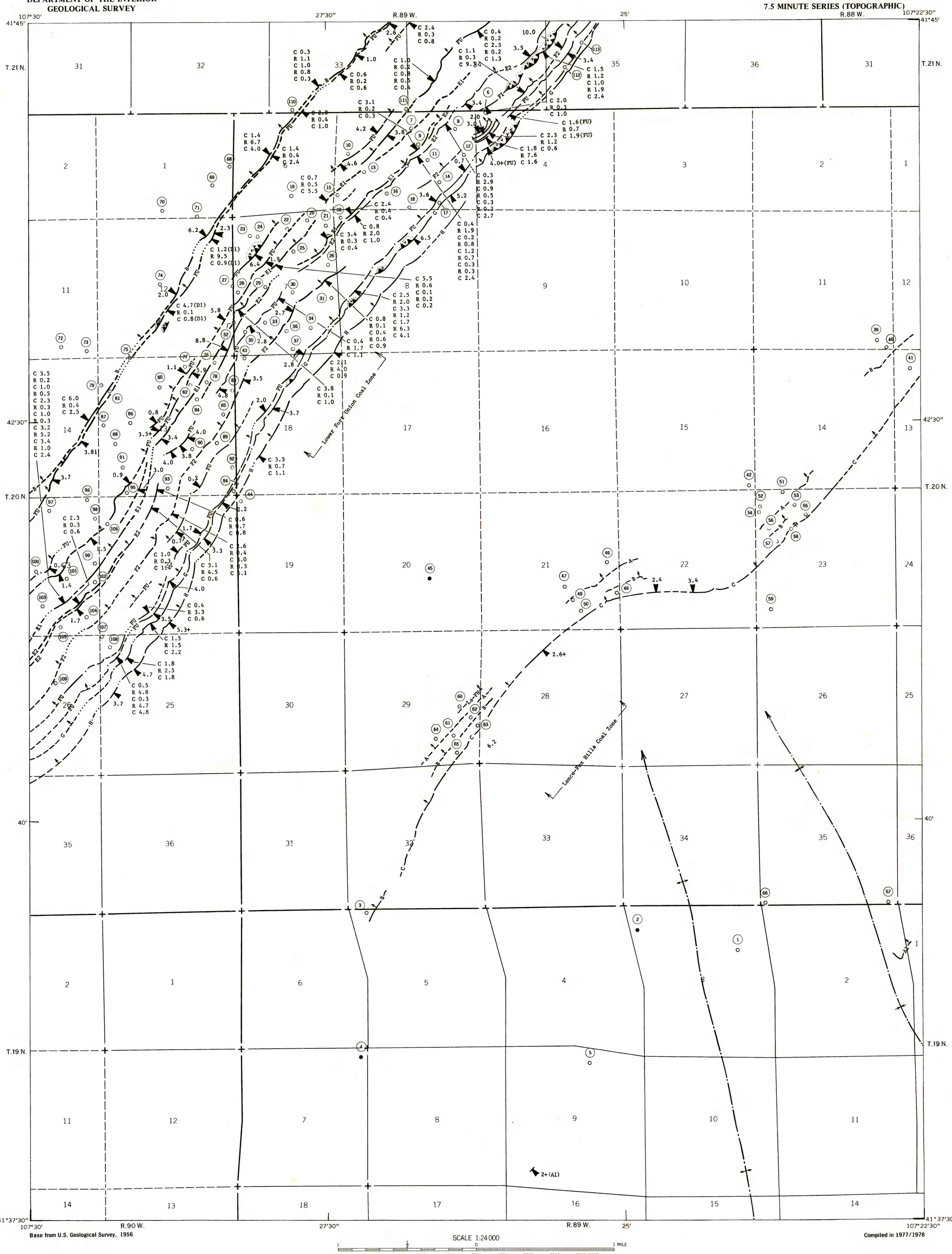
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTHWEST BRIDGER PASS QUADRANGLE
WYOMING–CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 78-619
PLATE 1 OF 32



EXPLANATION

○ 43

COAL TEST HOLE - Index number refers to hole on plate 1 (Sheet 2), and plate 3 of CRO map or in table of text.

● 2

OIL AND GAS TEST HOLE - Index number refers to hole on plate 1 (Sheet 2), and plate 3 of CRO map or in table of text.

R - Rock interval
C - Coal interval

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

B - B bed (Fillmore Ranch) of the Lower Fort Union Coal Zone
D1 - D1 bed (Separation Creek) of the Lower Fort Union Coal Zone
E1 - E1 bed (Olson Draw) of the Lower Fort Union Coal Zone
E2 - E2 bed of the Lower Fort Union Coal Zone
F2 - F2 bed (Red Rim) of the Lower Fort Union Coal Zone
G - G bed (Daleys Ranch) of the Lower Fort Union Coal Zone
H - H bed of the Lower Fort Union Coal Zone
FU - Fort Union, undifferentiated
A - A bed of the Lance-Fox Hills Coal Zone
B - B bed of the Lance-Fox Hills Coal Zone
C - C bed (Nebraska) of the Lance-Fox Hills Coal Zone
La-FH - Lance-Fox Hills Coal Zone, undifferentiated
Al - Almond, undifferentiated
L - Local

COAL BED SYMBOL AND NAME

6.2
B

TRACE OF COAL BED OUTCROP - Showing thickness of coal, in feet, measured at triangle. Letter designates the name of the coal bed as listed above. Arrow points toward the coal-bearing area. Dashed where inferred; dotted where concealed.

TRACE OF AXIAL PLANE OF ANTICLINE - Showing direction of plunge

TRACE OF AXIAL PLANE OF SYNCLINE - Showing direction of plunge

UNDERGROUND COAL MINE - Showing name of mine, if known.

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

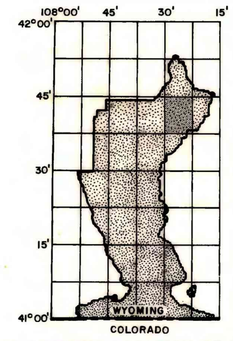
Barclay, C.S.V., 1978, Unpublished preliminary geologic map of the southeastern part of the northwest quarter of the Bridger Pass 15-minute quadrangle, Carbon County, Wyoming: U.S. Geological Survey.

Edson, G. M., 1977, Unpublished preliminary geologic map of the northwest part of the northwest quarter of the Bridger Pass 15-minute quadrangle, Carbon County, Wyoming: U.S. Geological Survey.

Rocky Mountain Energy Co., Unpublished drill-hole data from the Red Rim and Continental Divide projects and the Union Pacific Coal inventory of 1971-1973.

U.S. Geological Survey, 1978, Unpublished data from holes drilled during 1975, 1976, and 1977 for classification and evaluation of lands in the Rawlins (Little Snake River) KRCRA, Carbon County, Wyoming.

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.



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

Base from U.S. Geological Survey, 1956

Compiled in 1977/1978

SCALE 1:24 000

1 MILE
1000 FEET
1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1956
15°
TRUE NORTH
MAGNETIC NORTH

WYOMING
QUADRANGLE LOCATION

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

COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE BRIDGER PASS 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY
DAMES & MOORE
1978

PLATE 1
SHEET 1 OF 2
COAL DATA MAP