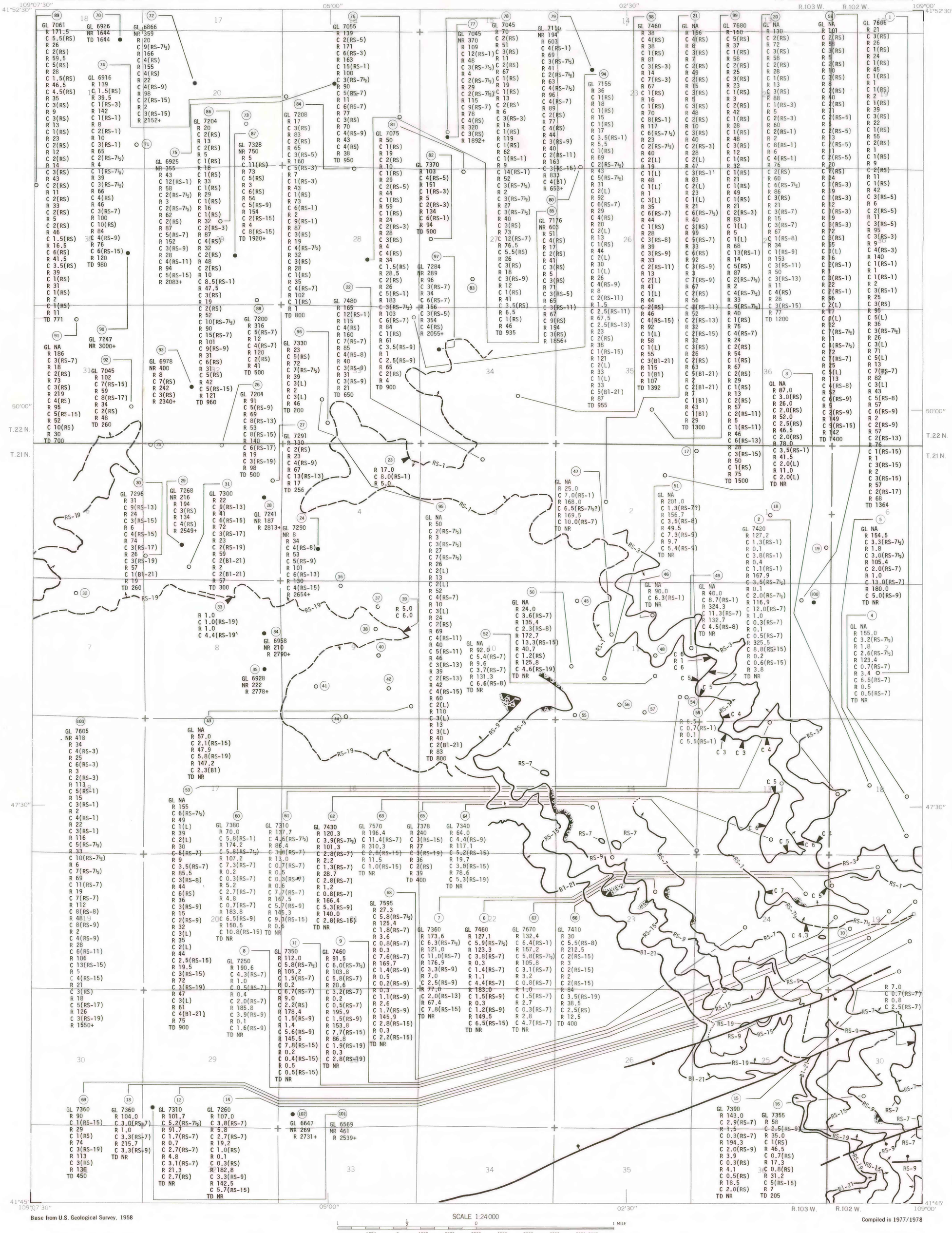
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOUTHEAST BOARS TUSK QUADRANGLE
WYOMING-SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-126

PLATE 1 OF 36



EXPLANATION

GL NA
R 90.0
C 6.3(RS-1)
TD NR

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

GL 6958
NR 210
R 2790+

OIL AND GAS 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.

R 1.0
C 1.0(RS-19)
R 1.0
C 4.4(RS-19)

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

GL - Ground level elevation
NA - No altitude available
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

RS-5 - Rock Springs No. 5
RS-3 - Rock Springs No. 3
RS-1 - Rock Springs No. 1
RS-7½ - Rock Springs No. 7½
RS-7 - Rock Springs No. 7
RS-8 - Rock Springs No. 8
RS-9 - Rock Springs No. 9
RS-11 - Rock Springs No. 11
RS-13 - Rock Springs No. 13
RS-15 - Rock Springs No. 15
RS-17 - Rock Springs No. 17
RS-19 - Rock Springs No. 19
RS - Rock Springs, undifferentiated
B1-21 - Blair No. 21
B1 - Blair, undifferentiated
L - Local

COAL BED SYMBOLS AND NAMES

C 4
RS-3

TRACE OF COAL BED OUTCROP - Showing thickness of coal, in feet, measured at triangle. Letters designate name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred; dotted where concealed. Trace of outcrop modified (from original data source) to fit modern topographic map.

TRACE OF FAULT - Symbols designate direction of movement when known; bar and ball on down-thrown side. Dashed where inferred.

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

Dobbin, C. E., 1941, Geologic map of the Superior coal mining district, Wyoming: U.S. Geol. Survey unpublished map.

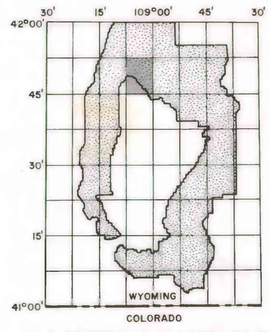
Lindeman, H. B., 1947, Map of the Rock Springs coal field - northern part, Sweetwater County, Wyoming: U.S. Geol. Survey unpublished map.

Rocky Mountain Energy Co., Unpublished drill hole data from the Union Pacific coal inventory of 1970 and the Long Canyon project.

Schultz, A. R., 1909, The northern part of the Rock Springs coal field, Sweetwater County, Wyoming, in coal fields of Wyoming: U.S. Geol. Survey Bull. 341-B, p. 256-281.

U.S. Geol. Survey, 1937, Inactive Lease No. Wyoming 07849, Union Pacific Railroad.

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 SOUTHEAST QUARTER OF THE BOARS TUSK 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.

Base from U.S. Geological Survey, 1958

SCALE 1:24 000

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

APPROXIMATE MEAN DECLINATION, 1958

WYOMING
QUADRANGLE LOCATION

Compiled in 1977/1978

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE BOARS TUSK 15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY

DAMES & MOORE

1979

PLATE 1
COAL DATA MAP