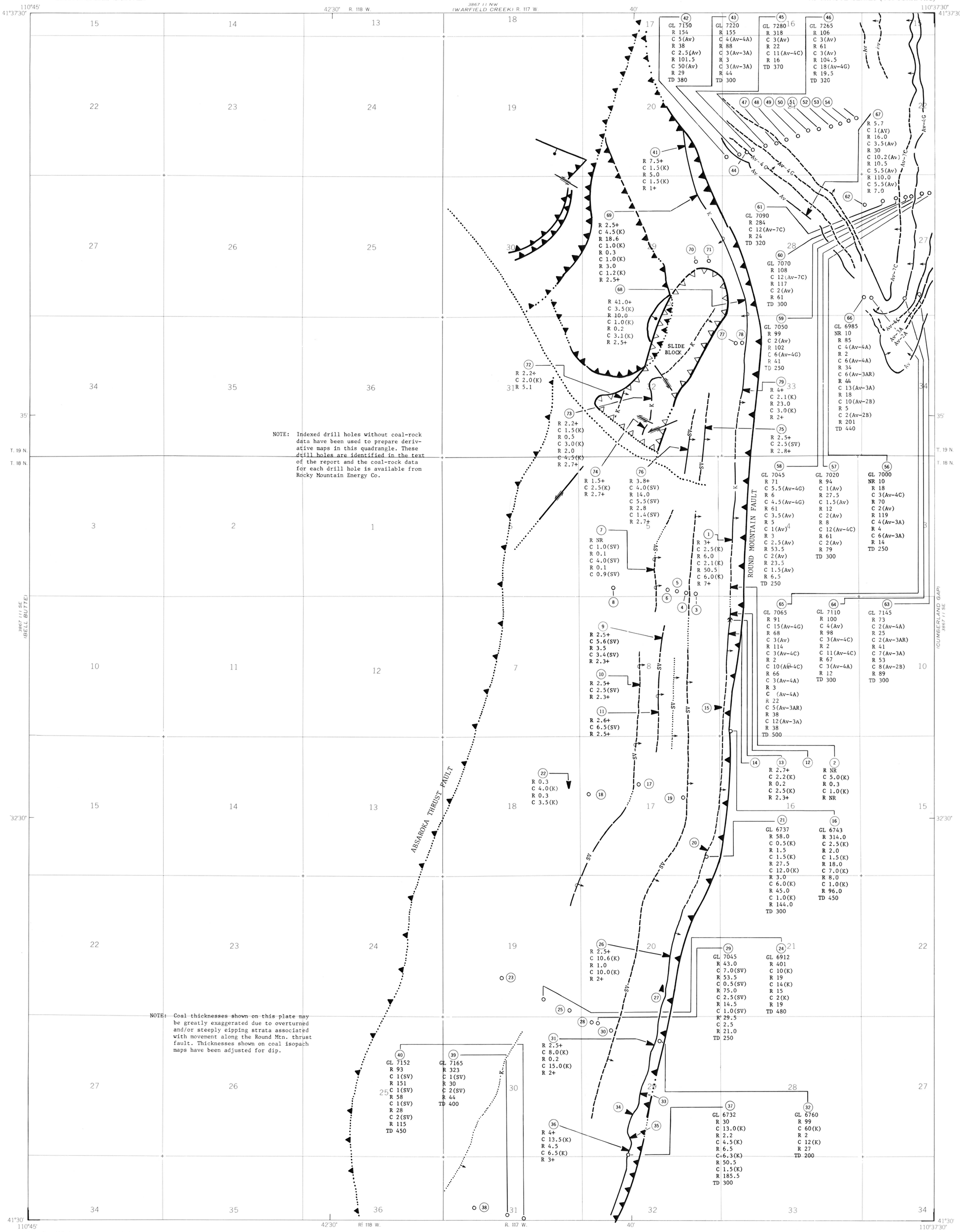
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ELKOL SW QUADRANGLE
WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)



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 Co.

NOTE: Coal thicknesses shown on this plate may be greatly exaggerated due to overturned and/or steeply eipping strata associated with movement along the Round Mtn. thrust fault. Thicknesses shown on coal isopach maps have been adjusted for dip.

Base from U.S. Geological Survey, 1962

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 KILOMETRE

GN MN 0°13' 4 MILS 16½° 239 MILS

UTM GRID AND 1962 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING

QUADRANGLE LOCATION

EXPLANATION

(61) GL 7090 R 284 C 12(Av-7C) R 24 TD 320

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.

(13) R 2.7+ C 2.2(K) R 0.2 C 2.5(K) R 2.3+

MINE MEASURED SECTIONS - 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.

(26) R 2.5+ C 10.6(K) R 1.0 C 10.0(K) R 2+

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

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

Av-7C - Adaville No. 7C
Av-4G - Adaville No. 4G
Av-4C - Adaville No. 4C
Av-4A - Adaville No. 4A
Av-3AR - Adaville No. 3A Rider
Av-3A - Adaville No. 3A
Av-2B - Adaville No. 2B
Av-2A - Adaville No. 2A
Av - Adaville, undifferentiated
K - Kemmerer Coal Zone
SV - Spring Valley Coal Zone

COAL BED SYMBOLS AND NAMES

K

TRACE OF COAL BED OUTCROP - Letters designate the name of the coal bed as listed above. Arrow points toward the coal-bearing area; hooked arrow indicates overturned bed. Dashed where inferred; dotted where concealed.

TRACE OF FAULT - Arrows and symbols designate direction of movement when known; bar and ball on down-thrust side; sawteeth on upper plate of thrust fault. Dashed where inferred; dotted where concealed.

SLIDE BLOCK - Open sawteeth point toward slide block. Dashed where inferred; dotted where concealed.

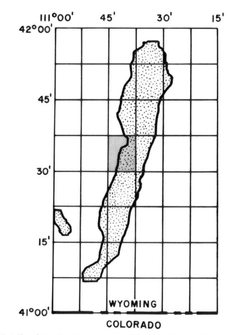
To convert feet to meters, multiply feet by 0.3048.

REFERENCES

Rocky Mountain Energy Co., (no date), Unpublished drill-hole data from the Union Pacific coal inventory of 1968-1969.

Schroeder, M. L., 1977, Preliminary map and coal resources of the Elkol SW quadrangle, Lincoln and Uinta Counties, Wyoming: U.S. Geological Survey, unpublished map.

Veatch, A. C., 1907, Geography and geology of a portion of southwestern Wyoming with special references to coal and oil: U.S. Geological Survey Prof. Paper 56, pl. III.



MAP SHOWING LOCATION OF THE ELKOL SW QUADRANGLE (SHADED) AND THE KEMMERER KNOWN 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 ELKOL SW QUADRANGLE, UINTA AND LINCOLN COUNTIES, WYOMING

BY

DAMES & MOORE

1979

PLATE 1
SHEET 1 OF 2
COAL DATA MAP