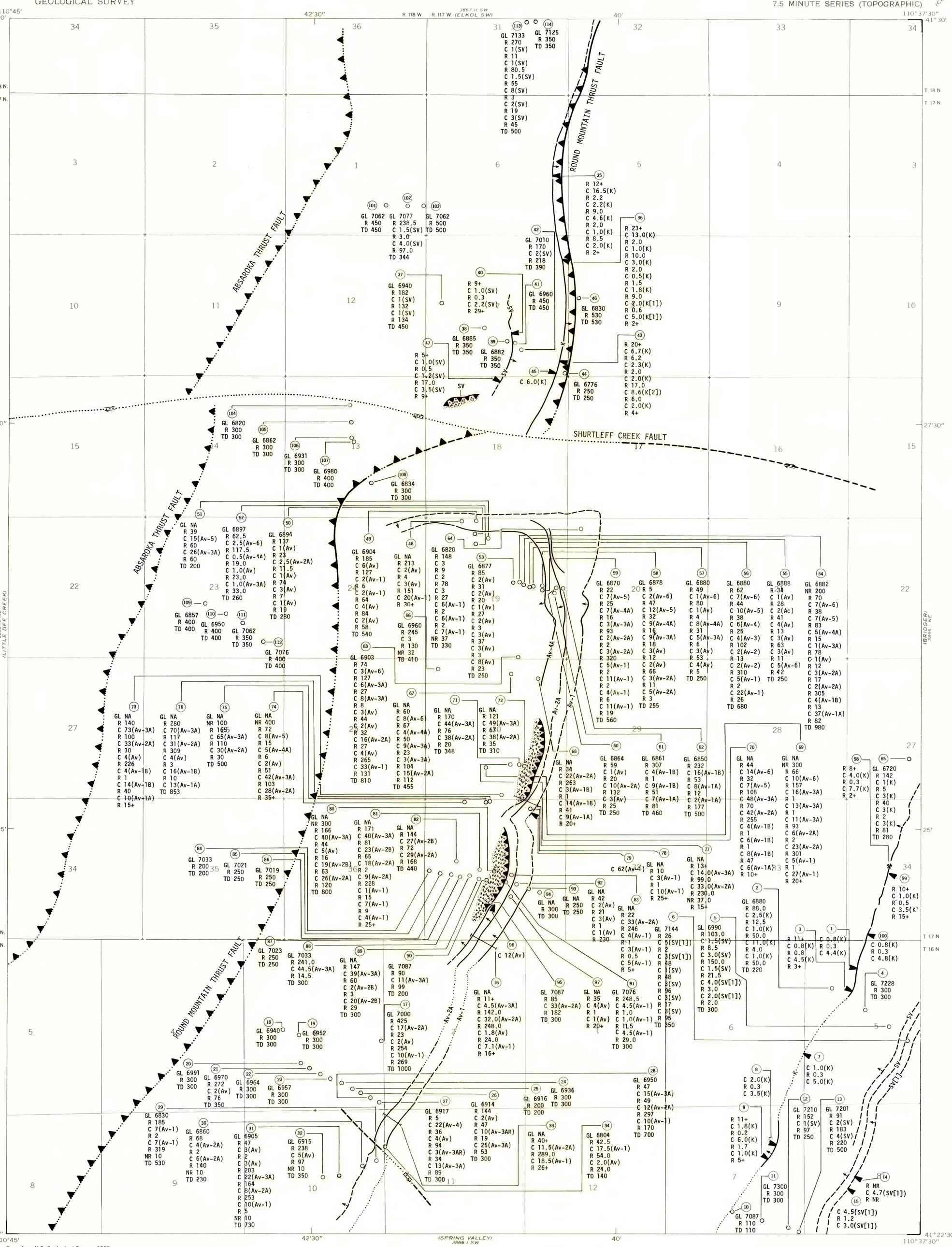
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MEADOW DRAW QUADRANGLE
WYOMING–UINTA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-1018
PLATE 1 OF 28



Base from U.S. Geological Survey, 1965

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

UTM GRID AND 1965 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

GN MN 16° 284 MILS 0°12' 4 MILS

WYOMING

QUADRANGLE LOCATION

EXPLANATION

(42) GL 7010 R 170 C 2(SV) R 218 TD 3 0

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.

(98) Abandoned R 8+ C 4.0(K) R 0.3 C 7.7(K) R 2+

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.

(7) C 1.0(K) R 0.3 C 5.0(K)

(33) GL NA R 40+ C 11.5(Av-2A) R 289.0 C 18.5(Av-1) R 26+

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(s) as listed below. Trace of measured section, if extensive, shown by line.

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

Av - Adaville, undifferentiated
Av-6 - Adaville No. 6
Av-5 - Adaville No. 5
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-1B - Adaville No. 1B
Av-1A - Adaville No. 1A
Av-1 - Adaville No. 1
K - Kemmerer coal zone
SV - Spring Valley coal zone

COAL BED SYMBOLS AND NAMES - Coal beds or zones identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

Av-1

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

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

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.

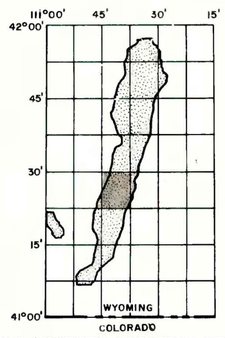
REFERENCES

Rocky Mountain Energy Co., (no date), Unpublished drill-hole data from the Union Pacific Coal Inventory of 1968-1969.

Schroeder, M. L., 1976, Preliminary geologic map and coal resources of the Meadow Draw quadrangle, Uinta County, Wyoming: U.S. Geol. Survey, unpublished report and maps, scale 1:24,000.

_____ 1978, Geophysical logs of 15 coal test holes drilled in the Kemmerer coal field, Uinta County, Wyoming: U.S. Geol. Survey Open-File Report 78-658, 30 p.

Veatch, A. C., 1907, Geography and geology of a portion of southwestern Wyoming, with special reference to coal and oil: U.S. Geol. Survey Prof. Paper 56, 178 p.



MAP SHOWING LOCATION OF THE MEADOW DRAW QUADRANGLE (SHADED) AND THE KEMMERER 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 MEADOW DRAW QUADRANGLE, UINTA COUNTY, WYOMING

BY

DAMES & MOORE

1979

PLATE 1
SHEET 1 OF 2
COAL DATA MAP