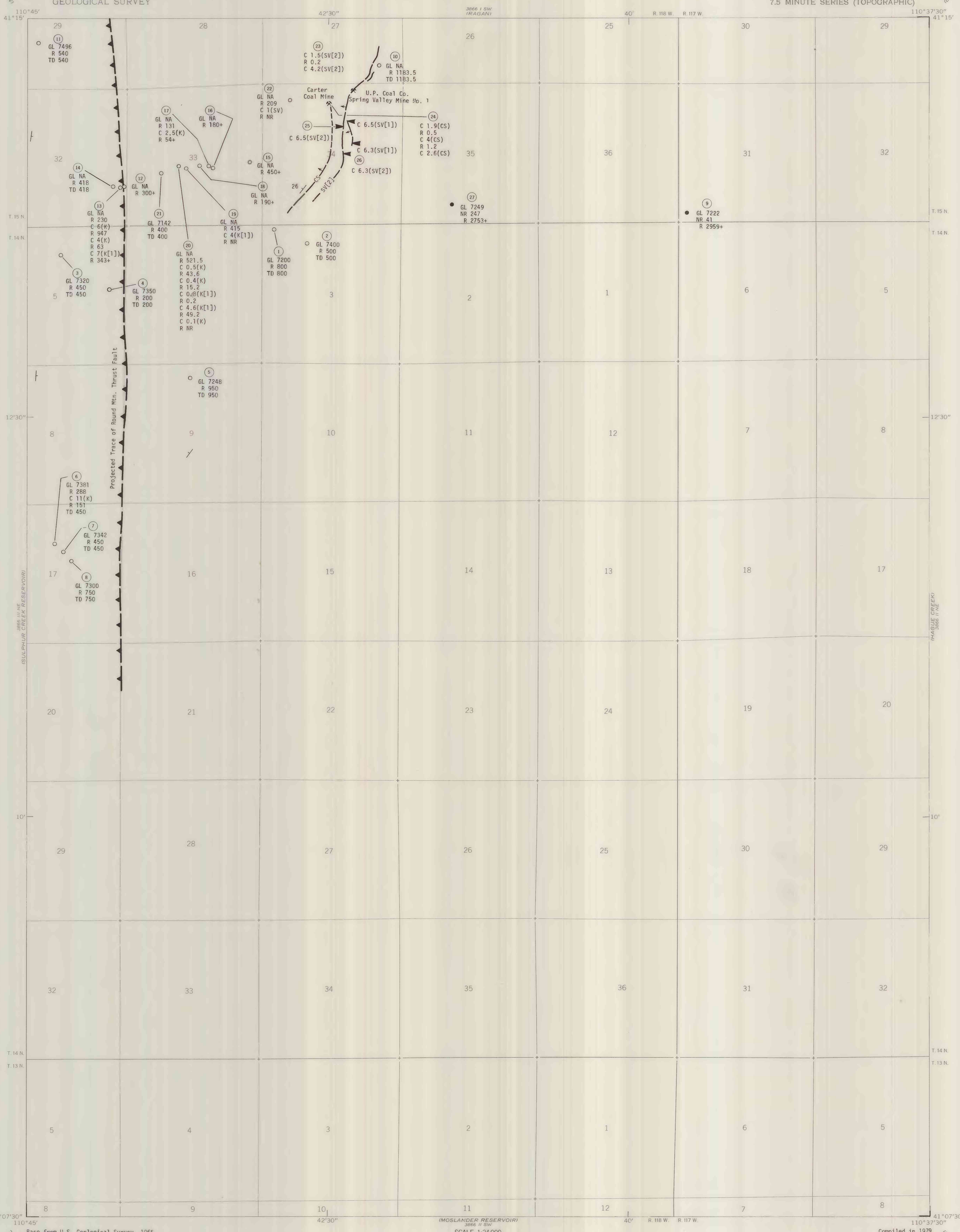
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PIEDMONT RESERVOIR QUADRANGLE
WYOMING–UINTA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1965

SCALE 1:24000

1 MILE — 7000 FEET — 1 KILOMETER

Compiled in 1979

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

UTM GRID AND 1965 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE PIEDMONT RESERVOIR QUADRANGLE, UINTA COUNTY, WYOMING

BY

DAMES & MOORE

1979

OPEN FILE REPORT 79-1390

PLATE 1 OF 3

EXPLANATION

22 GL NA R 209 C 1(SV) R NR

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.

9 GL 7222 NR 41 R 2959+

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.

23 C 1.5(SV[2]) R 0.2 C 4.2(SV[2])
U.P. Coal Co. - Spring Valley Mine No. 1
Abandoned

MINE MEASURED SECTIONS - Showing rock interval and coal thickness, in feet, and name of mine, if known. 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.

25 C 6.5(SV[2])

OUTCROP MEASURED SECTION - Showing 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.

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

K - Kemmerer coal zone
CS - Carter seam (Spring Valley coal zone)
SV - Spring Valley coal zone

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

C 6.3(SV[1])
SV[1]

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.

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STRIKE AND DIP OF COAL BEDS - Dip angle not shown where no measurement available.

TRACE OF FAULT - Symbols designate direction of movement when known; sawteeth on upper plate of thrust fault. Dashed where inferred.

To convert feet to meters, multiply feet by 0.3048.

REFERENCES

Cook, W. R., III, 1977, The structural geology of the Aspen Tunnel area, Uinta County, Wyoming, in Rocky Mountain and thrust belt geology and resources, Joint Wyoming, Montana, and Utah Geol. Assoc. Guidebook, 29th Ann. Field Conf., 1977: p. 397-405.

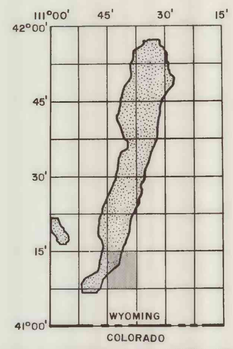
Rocky Mountain Energy Co., (no date), Unpublished drill-hole data from the Union Pacific coal inventory of 1968-1969.

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

_____1979, U.S. Geol. Survey, personal communication.

U.S. Bureau of Land Management, 1978, Draft environmental statement, proposed development of coal resources in southwestern Wyoming: U.S. Dept. of Int., v. 1 to 3.

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 PIEDMONT RESERVOIR QUADRANGLE (SHADED) AND THE KEMMERER KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

PLATE 1
COAL DATA MAP