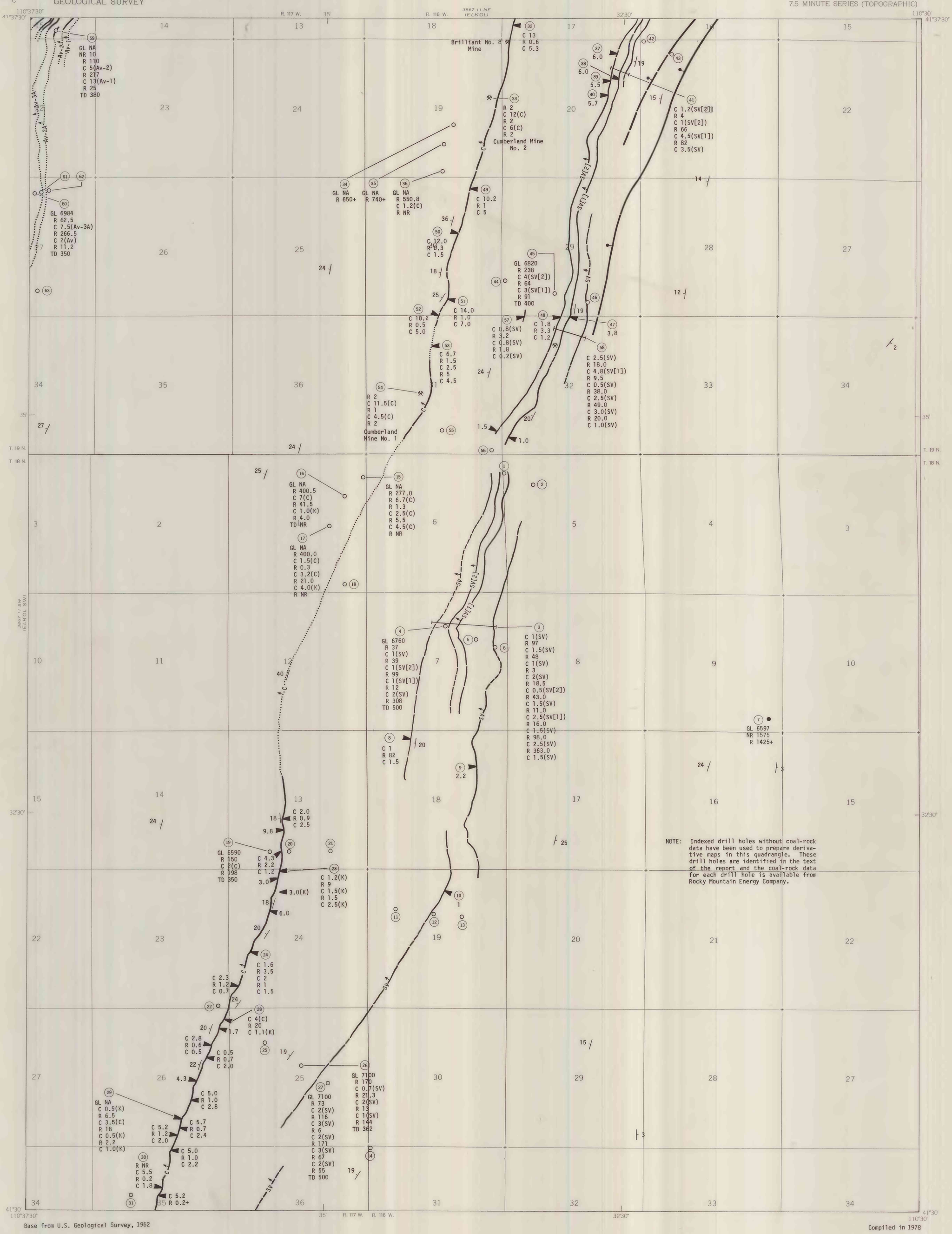
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

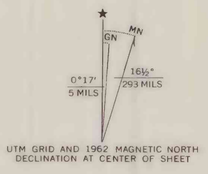
CUMBERLAND GAP QUADRANGLE
WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)



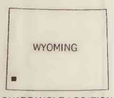
Base from U.S. Geological Survey, 1962

Compiled in 1978

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.



UTM GRID AND 1962 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



QUADRANGLE LOCATION

EXPLANATION

○ (19)
GL 6590
R 150
C 2(C)
R 198
TD 350

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. Letter designates name of coal bed as listed below.

● (7)
GL 6597
NR 1575
R 1425+

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.

⚒ Abandoned — (33) R 2, C 12(C), R 2, C 6(C), R 2, Cumberland Mine No. 2

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 as listed below.

(57) C 0.8(SV), R 3.2, C 0.8(SV), R 1.8, C 0.2(SV)

(41) C 1.2(SV[2]), R 4, C 1(SV[2]), R 66, C 4.5(SV[1]), R 82, C 3.5(SV)

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-3A - Adaville No. 3A
Av-2A - Adaville No. 2A (2 rider)
Av-2 - Adaville No. 2
Av-1 - Adaville No. 1
Av - Adaville, undifferentiated
C - Cumberland seam of the Kemmerer coal zone
K - Kemmerer coal zone, undifferentiated
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.

1.5 ▼ SV[2] ⊥

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

⚒ Abandoned

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

14/

STRIKE AND DIP OF BEDS

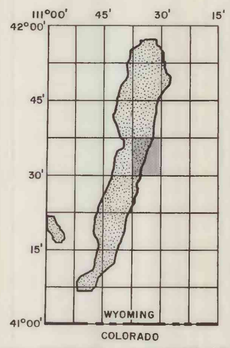
To convert feet to meters, multiply feet by 0.3048.

REFERENCES

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

Schroeder, M. L., and Lunceford, R. L., 1976, Preliminary geologic map and coal resources of the Cumberland Gap quadrangle, Lincoln and Uinta Counties, Wyoming: U.S. Geol. Survey, unpublished map, scale 1:24,000.

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 CUMBERLAND GAP QUADRANGLE (SHADED) AND THE KEMMERER KNOWN RECOVERABLE COAL 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 CUMBERLAND GAP QUADRANGLE, UINTA AND LINCOLN COUNTIES, WYOMING

BY
DAMES & MOORE
1979

PLATE 1
COAL DATA MAP