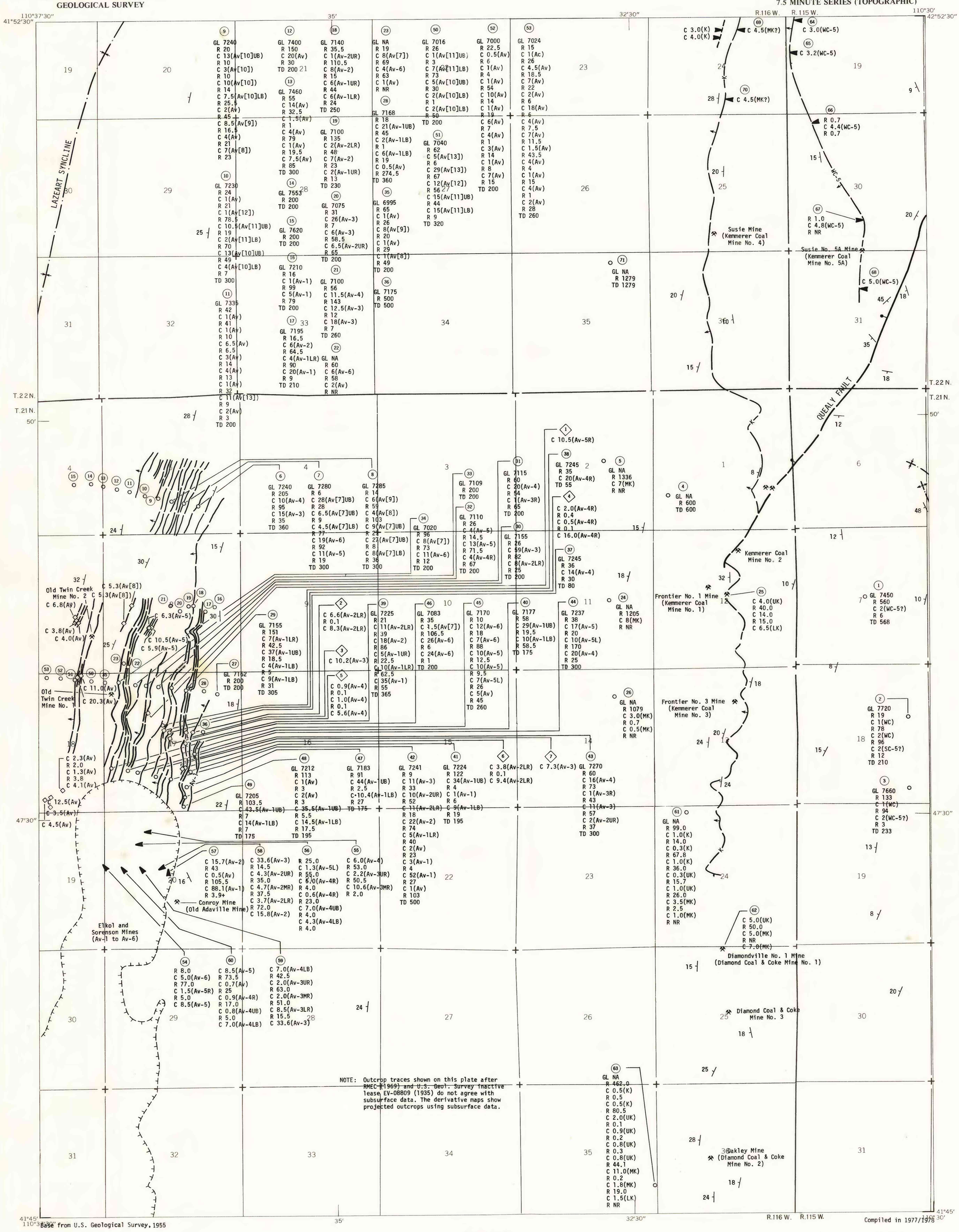
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOUTHEAST KEMMERER QUADRANGLE
WYOMING-LINCOLN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1955

Compiled in 1977/1978

NOTE: INDEX MAP ON PLATE 2.

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

To convert feet to meters, multiply feet by 0.3048.

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

TRUE NORTH
MAGNETIC NORTH
16½°
APPROXIMATE MEAN DECLINATION, 1954

WYOMING
QUADRANGLE LOCATION

EXPLANATION

○ (1) GL 7450
R 560
C 2(WC-5?)
R 6
TD 568

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 beds as listed below.

Frontier No. 1 Mine (Kemmerer Coal Mine No. 1) — Abandoned — (25) C 4.0(UK) R 40.0 C 14.0(MK) R 15.0 C 6.5(LK)

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 beds as listed below.

◇ C 12.5(Av) — ▲ (66) R 0.7 C 4.4(WC-5) R 0.7

OUTCROP MEASURED SECTION AND PROSPECT PIT - 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 beds 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

Av-6 - Adaville No. 6
Av-5R - Adaville No. 5 Rider
Av-5 - Adaville No. 5
Av-5L - Adaville No. 5 seam, Lower Split
Av-4R - Adaville No. 4 Rider
Av-4UB - Adaville No. 4 Upper Bench
Av-4LB - Adaville No. 4 Lower Bench
Av-4 - Adaville No. 4
Av-3UR - Adaville No. 3 Upper Rider
Av-3MR - Adaville No. 3 Middle Rider
Av-3LR - Adaville No. 3 Lower Rider
Av-3 - Adaville No. 3
Av-2UR - Adaville No. 2 Upper Rider
Av-2MR - Adaville No. 2 Middle Rider
Av-2LR - Adaville No. 2 Lower Rider
Av-2R - Adaville No. 2 Rider
Av-2 - Adaville No. 2
Av-1UR - Adaville No. 1 Upper Rider
Av-1LR - Adaville No. 1 Lower Rider
Av-1UB - Adaville No. 1 Upper Bench
Av-1LB - Adaville No. 1 Lower Bench
Av-1 - Adaville No. 1
Av - Adaville, undifferentiated
UK - Upper Kemmerer
MK - Main Kemmerer (Cumberland seam)
LK - Lower Kemmerer
K - Kemmerer, undifferentiated
WC-5 - Willow Creek No. 5
WC - Willow Creek, undifferentiated

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.

TRACE OF AXIAL PLANE OF ASYMMETRIC SYNCLINE - Short arrow indicates steeper limb.

TRACE OF AXIAL PLANE OF ANTICLINE

TRACE OF AXIAL PLANE OF SYNCLINE

24 STRIKE AND DIP OF BEDS

C 4.5(MK) K

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.

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

Elkol and Sorenson Mines (Av-1 to Av-6)

COAL STRIP MINE - Showing name of mine and bed(s) removed. Hachures point toward mined area. Dashed where approximately located.

Diamond Coal & Coke Mine No. 3 — Abandoned

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

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COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE KEMMERER 15-MINUTE QUADRANGLE, LINCOLN COUNTY, WYOMING

BY
DAMES & MOORE
1979