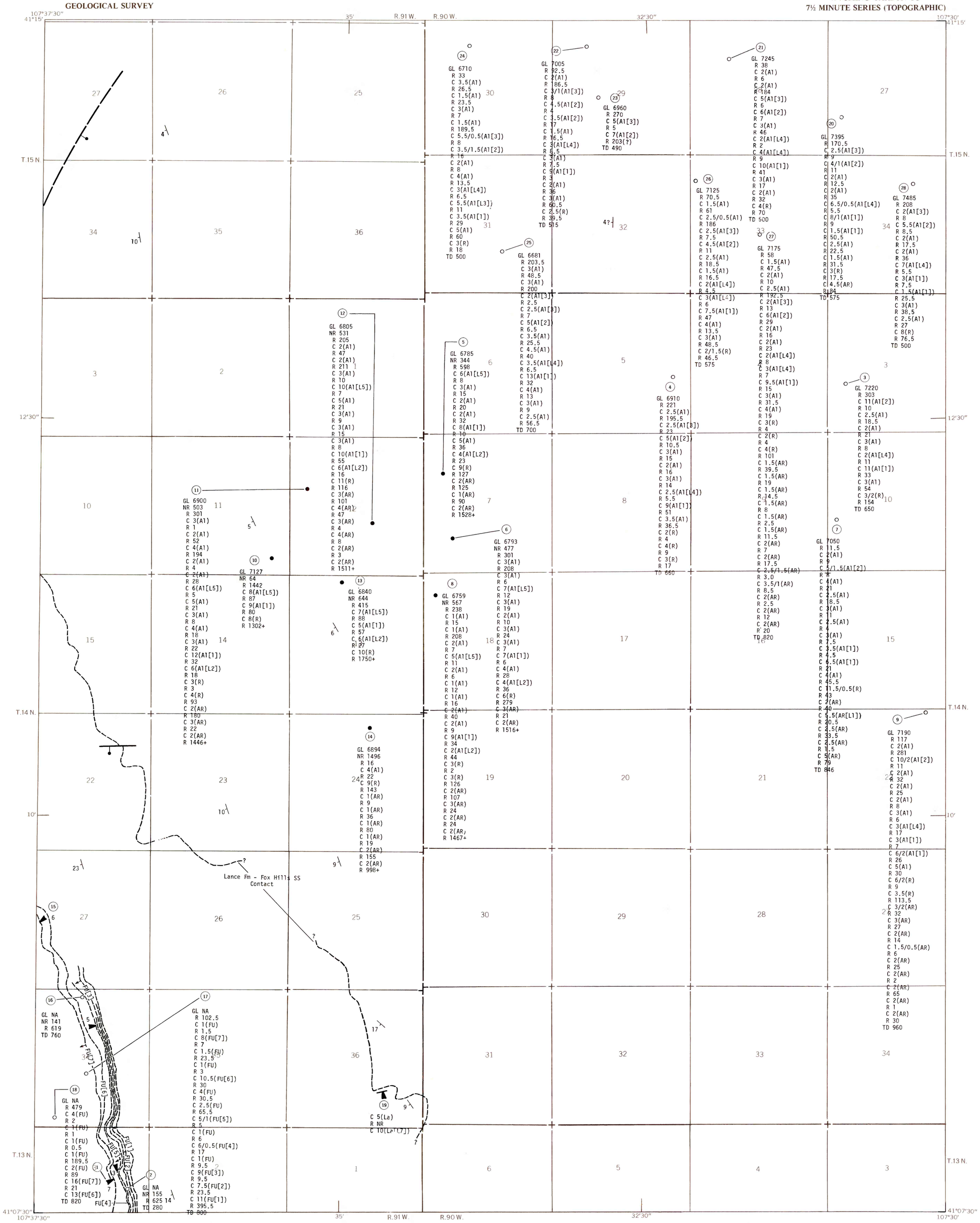
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTHEAST BAGGS QUADRANGLE
WYOMING–CARBON CO
7½ MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1957

Compiled in 1977/1978

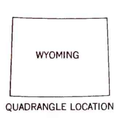
SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

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



QUADRANGLE LOCATION

PLATE I OF 26

EXPLANATION

○ (9)
GL 7190
R 117
C 2(A1)
R 281
C 10/2(A1[2])
R 11
(Section continues)

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.

● (10)
GL 7127
NR 64
R 1442
C 8(A1[L5])
R 87
C 9(A1[1])
R 80
C 8(R)
R 1302+

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. Letters designate name of coal bed as listed below.

(15)
▲
6

OUTCROP MEASURED SECTION - Showing coal thickness, in feet. Index number refers to section on plate 3 of CRO map or in table of text.

GL - Ground level elevation
NA - No altitude available
NR - No record
R - Rock interval
C - Coal or coal/rock interval
TD - Total depth

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

FU - Fort Union, undifferentiated
La - Lance, undifferentiated
R - Robertson
Al - Almond, undifferentiated
AR - Allen Ridge, undifferentiated
L - Local

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.

3 ▼ FU[4]

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 by present authors.

TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred.

6

STRIKE AND DIP OF BEDDING

To convert feet to meters, multiply feet by 0.3048.

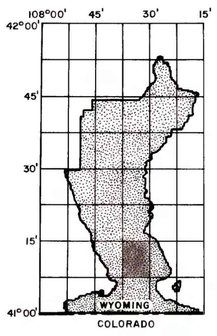
REFERENCES

Barclay, C. S. V., 1979a, Geophysical logs and coal sections for holes drilled during 1977 and 1978 in the northeastern part of the Baggs quadrangle, Carbon County, Wyoming: U.S. Geol. Survey open-file report [in press].

1979b, Preliminary geologic map of the northeast quarter of the Baggs 15-minute quadrangle, Carbon County, Wyoming: U.S. Geol. Survey, open-file report, in preparation.

Hettinger, R. D., 1978, Preliminary geologic map of the southwestern part of the Rawlins (Little Snake River) known recoverable coal resource area: U.S. Geol. Survey, unpublished map, scale 1:62,500.

Strong, S. J., (no date), Depositional history of the coal-bearing Fort Union Formation (Tertiary) in the Baggs-Doty Mountain area, Carbon County, Wyoming: Salt Lake City, Utah, University of Utah, Master's thesis, in preparation.



MAP SHOWING LOCATION OF THE NORTHEAST QUARTER OF THE BAGGS 15-MINUTE QUADRANGLE (SHADED) AND THE RAWLINS KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE BAGGS 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY
DAMES & MOORE
1979

PLATE 1
COAL DATA MAP