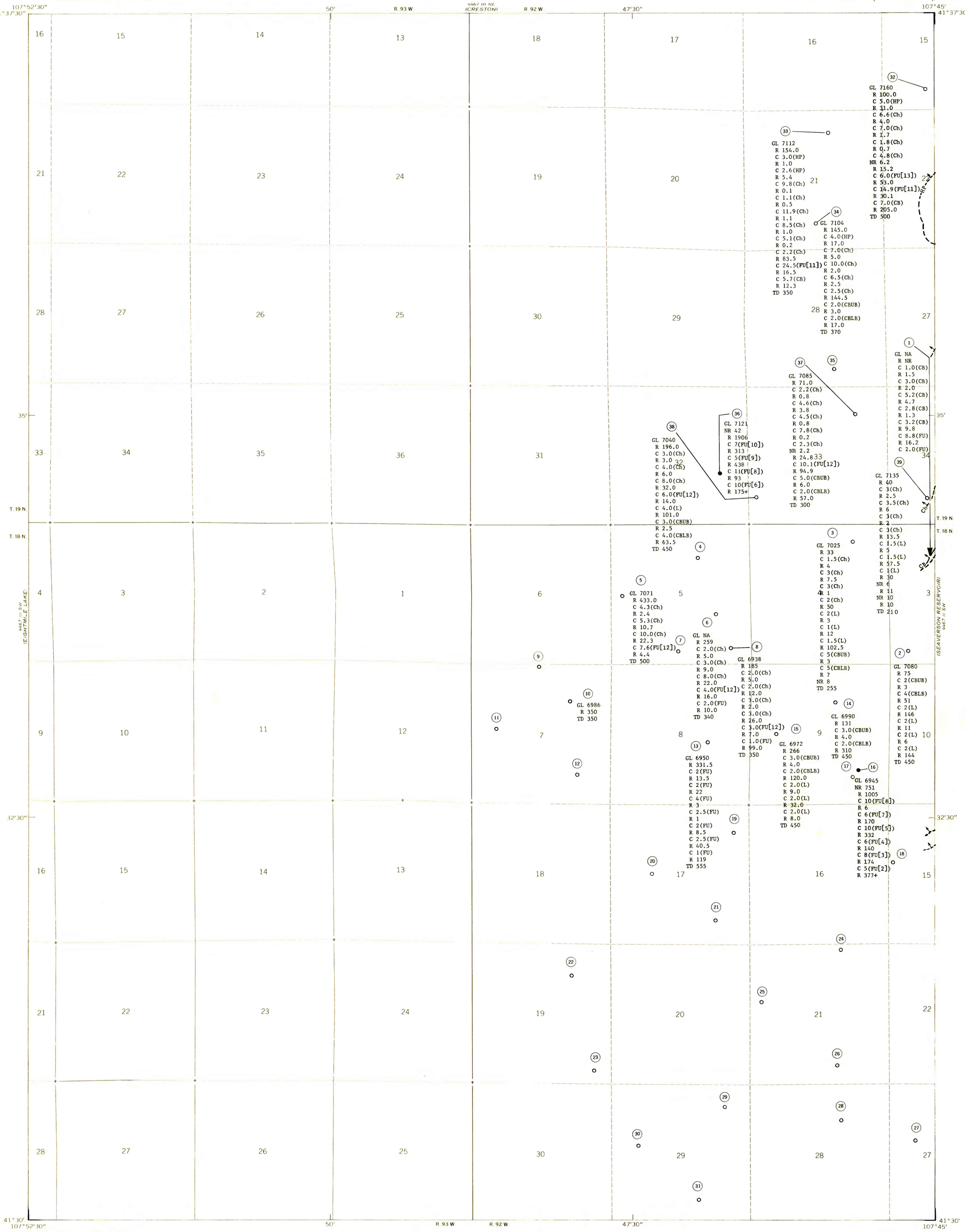
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HIGH POINT QUADRANGLE
WYOMING – CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 78-620
PLATE 1 OF 21

4467 II NW (WAMSUTTER)
4467 III NE (CRESTON)
4467 II NW (CRESTON JUNCTION)
4467 II SW (EIGHTMILE LAKE)
4467 II SW (SEAVERSON RESERVOIR)
4467 III SW (DOTY MOUNTAIN)

107°52'30" 50' R. 93 W. R. 92 W. 47'30" 107°45'
41°37'30" 35' 32'30" T. 19 N. T. 18 N. 41°30'



EXPLANATION

(10) ○ GL 6986
R 350
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. Letters designate name of coal bed(s) as listed below.

(36) ● GL 7121
NR 42
R 1906
C 7(FU)
R 313
C 5(FU)
R 438
C 11(FU)
R 93
C 10(FU)
R 175+

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 beds(s) as listed below.

(1) ▲ GL NA
R NR
C 1.0(CB)
R 1.5
C 3.0(CB)
R 2.0
C 5.2(CB)
R 4.7
C 2.8(CB)
R 1.3
C 3.2(CB)
R 9.8
C 8.8(FU)
R 16.2
C 2.0(FU)

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

HP - High Point, (A) of Upper Fort Union Coal Zone
Ch - Cherokee of Upper Fort Union Coal Zone
CBUB - Cow Butte Upper Bench, (D) of Upper Fort Union Coal Zone
CBLB - Cow Butte Lower Bench, (D) of Upper Fort Union Coal Zone
CB - Cow Butte, (D) of Upper Fort Union Coal Zone
FU - Fort Union, 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.

----------CB---1--------

TRACE OF COAL BED OUTCROP - Arrow points toward the coal-bearing area. Dashed line indicates inferred outcrop. Trace of outcrop modified (from original data source) to fit modern topographic map.

To convert feet to meters, multiply feet by 0.3048.

REFERENCES

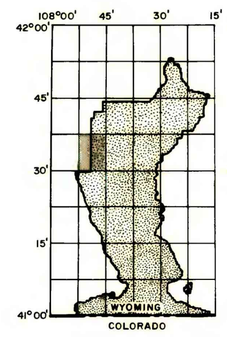
Ball, M. W., 1909, The western part of the Little Snake River coal field, Wyo. in Coal Fields of Wyoming: U.S. Geological Survey Bull. 341-B, p. 243-255.

Edson, G. M., 1977, Unpublished drill-hole location map with coal data from Rocky Mountain Energy Co. and Northern Energy Resources Co. (Pacific Power and Light Co.).

Edson, G. M., and Curtiss, G. S., 1976, Lithologic and geologic logs of holes drilled in the High Point, Seaverson Reservoir and Fillmore Ranch quadrangles, Carbon County, Wyoming: U.S. Geological Survey Open-File Report 76-272.

Rocky Mountain Energy Co., Unpublished data from the Union Pacific coal inventory of 1971.

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.



MAP SHOWING LOCATION OF THE HIGH POINT QUADRANGLE (SHADED) AND THE RAWLINS KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

Base from U.S. Geological Survey, 1966

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

Compiled in 1977/1978

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 1°52' 33 MILS 15° 267 MILS

WYOMING
QUADRANGLE LOCATION

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

COAL RESOURCE OCCURRENCE MAP OF THE HIGH POINT QUADRANGLE, CARBON COUNTY, WYOMING

BY
DAMES & MOORE
1978

PLATE 1
COAL DATA MAP