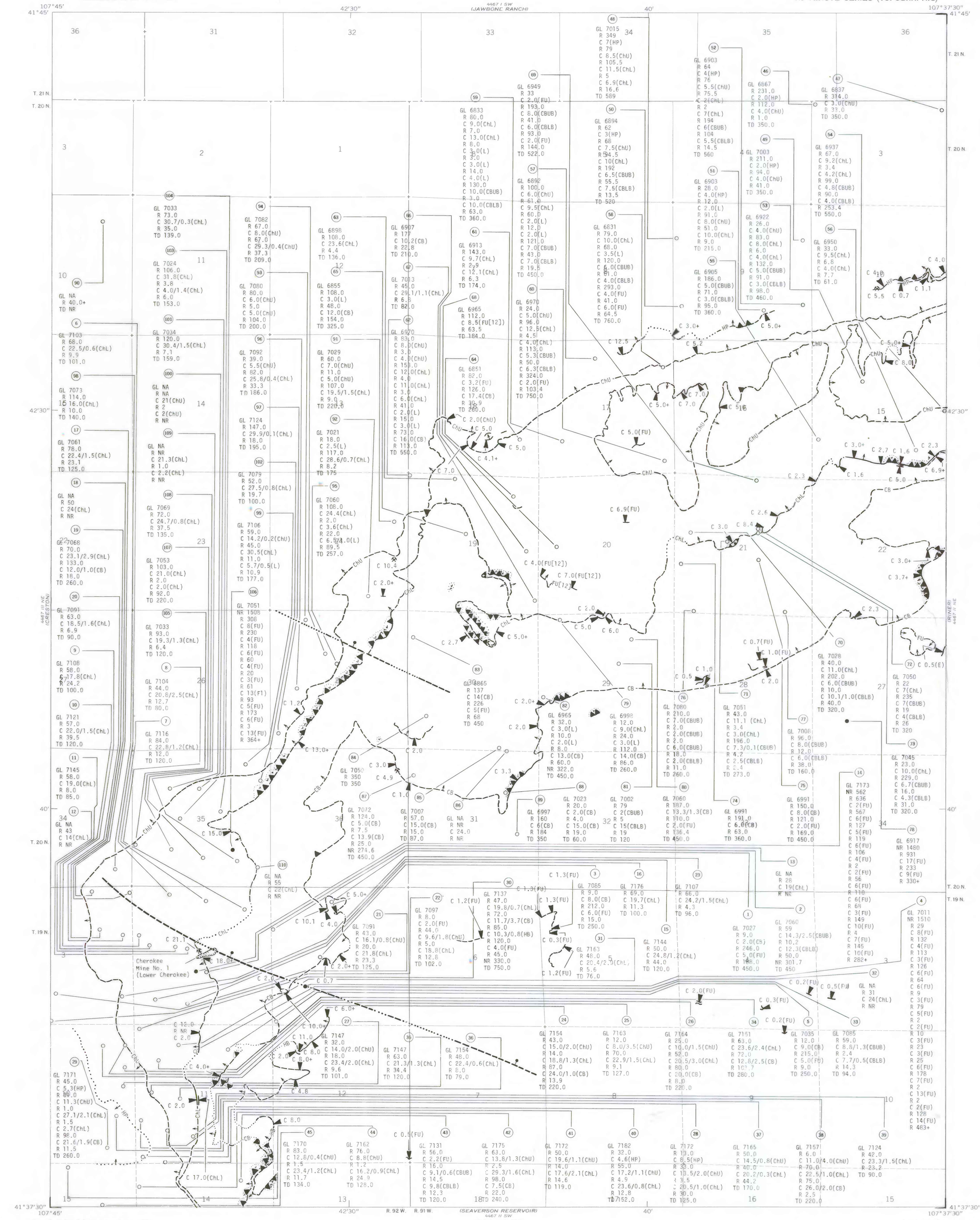
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CRESTON JUNCTION QUADRANGLE
WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1966

Compiled in 1978

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

GN MN 1°47' 32 MILS 15° 267 MILS

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING

QUADRANGLE LOCATION

EXPLANATION

(35) GL 7147
R 63.0
C 21.3/1.3(ChL) = total coal thickness/ total rock thickness
R 34.4
TD 120.0

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.

(106) GL 7051
NR 1508
R 308
C 8(FU)
R 230
(Section continues)

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.

C 5.5
Abandoned

MINE MEASURED SECTIONS - Showing coal thickness, in feet. Letters designate name of coal bed as listed below.

C 12.0+(ChL)
R NR
C 2.0(ChL)

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Letters designate name of coal bed as listed below.

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

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

HP - High Point (A) of Upper Fort Union Coal Zone
ChU - Upper Cherokee (B) of Upper Fort Union Coal Zone
ChL - Lower Cherokee (C) of Upper Fort Union Coal Zone
Ch - Cherokee (C) 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
HB - Horse Butte (E) of Upper Fort Union Coal Zone
FU - Fort Union, undifferentiated
L - Local

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

C 2.0
CB

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

BURNED AND CLINKERED COAL - Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

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

Cherokee Mine No. 1 (Lower Cherokee)

COAL STRIP MINE - Showing name of mine and bed removed. Hachures point toward mined area.

To convert feet to meters, multiply feet by 0.3048.

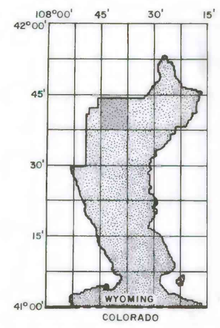
REFERENCES

Back, Judith, 1976, Coal resource occurrence map of the Creston Junction quadrangle, Carbon and Sweetwater Counties, Wyoming: U.S. Geological Survey unpublished map, sheet 8.

Rocky Mountain Energy Co., Unpublished data from the Union Pacific Coal Inventory of 1971.

Sanders, R. B., 1975, Geologic map and coal resources of the Creston Junction quadrangle, Carbon and Sweetwater Counties, Wyoming: U.S. Geological Survey Inv. Map C-73.

Smith, J. B., Ayler, M. F., Knox, C. C., and Pollard, B. C., 1972, Strippable coal reserves of Wyoming, location, tonnage, and characteristics of coal and overburden: U.S. Bureau of Mines Inf. Circ. 8538, 51 p.



MAP SHOWING LOCATION OF THE CRESTON JUNCTION QUADRANGLE (SHADED) AND THE RAWLINS KNOWN 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 CRESTON JUNCTION QUADRANGLE, SWEETWATER AND CARBON COUNTIES, WYOMING

BY
DAMES & MOORE
1979

PLATE 1
COAL DATA MAP