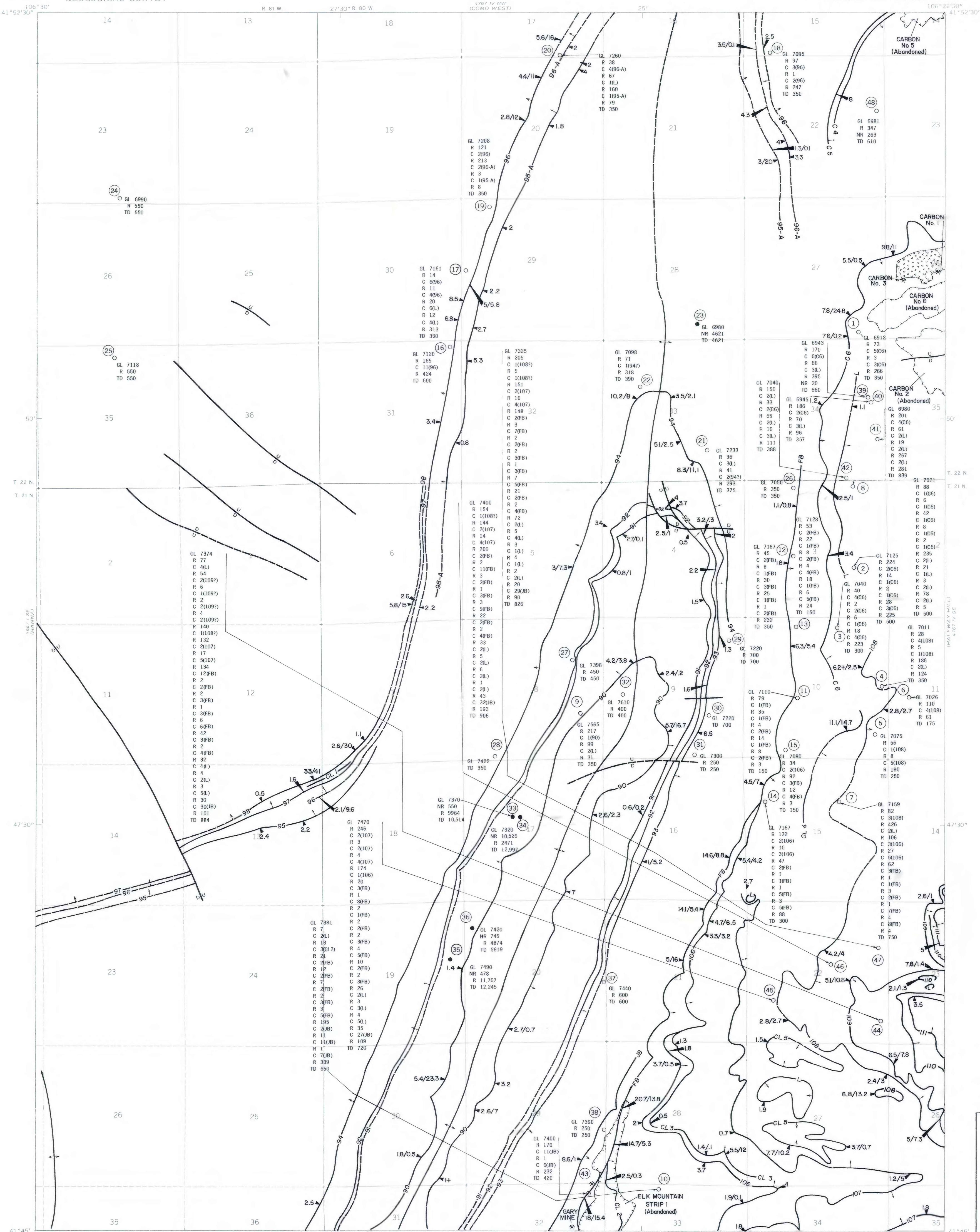


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CARBON QUADRANGLE
WYOMING-CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW 4 SADDLEBACK HILLS 15 QUADRANGLE



EXPLANATION

- 16 ○ GL 7120
R 165
C 11096
R 424
C 1095-A
R 8
C 40L
TD 550
 - 33 ○ GL 7370
NR 550
R 9964
TD 10,514
- COAL TEST HOLE—Showing index number of hole on plate 3 of CRO map and drill-hole data, in feet.
- OIL AND GAS TEST HOLE—Showing index number of hole on plate 3 of CRO map and drill-hole data, in feet.

GL—Ground level elevation
NR—No record
R—Rock interval
C—Coal interval
TD—Total depth

DRILL-HOLE DATA SYMBOLS

- 111
 - 110
 - 109
 - 108 = 706 = Carbon No. 6
 - CL5 = Carbon Lens 5
 - CL4
 - 107
 - CL3 = Carbon Lens 3
 - 106
 - CL2 = Carbon Lens 2
 - FB = C4 = Finch Bed
 - JB = C5 = Johnson Bed
 - 98
 - CL1 = Carbon Lens 1
 - 97
 - 96
 - 96-A
 - 95
 - 95-A
 - 94
 - 93
 - 92
 - 91
 - 90
- L = Local lens
CL = Local bed identifier

COAL BED SYMBOLS AND NAMES

- 107
- 1.8
- 1.2/5

TRACE OF COAL BED OUTCROP—Line dashed where outcrop is uncertain. Showing thickness of coal, in feet, or ratio of coal thickness to interburden, in feet, measured at triangle. Letter and/or number designate name of coal bed as listed above. Arrow points toward coal-bearing area.

FAULT—Dashed where approximately located. U, upthrown side; D, downthrown side.

ANTICLINE—Showing crestline and plunge. Dashed where indefinite.

BURNED AND CLINKERED COAL BED—Showing area of baked and fused rock (*, symbol). Dotted line indicates the inferred limit of burning.

- STRIP MINE
- UNDERGROUND MINE WORKINGS
- ABANDONED UNDERGROUND MINE

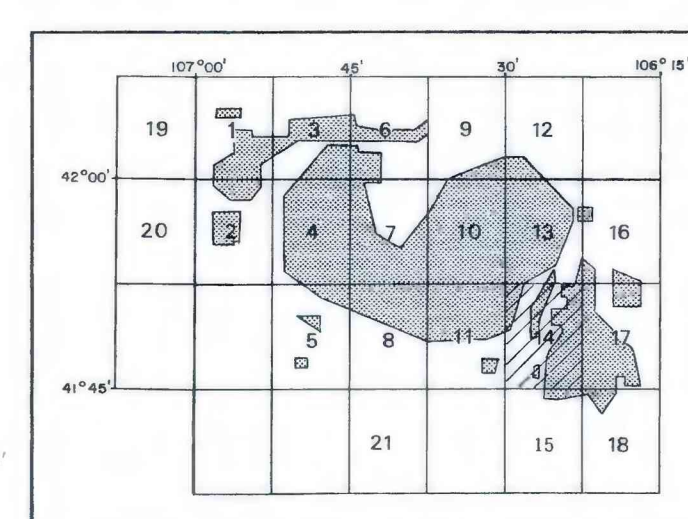
To convert feet to meters, multiply feet by 0.3048.

REFERENCES

Dobbin, C.E., Bowen, C.F., and Hoots, H.W., 1929, Geology and coal and oil resources of the Hanna and Carbon Basins, Carbon County, Wyoming: U.S. Geol. Survey Bull. 804, 88 p., 27 pls., 3 figs.

Glass, G.B., 1972, Mining in the Hanna coal field: Wyoming Geol. Survey Misc. Rept., 45 p., 13 figs.

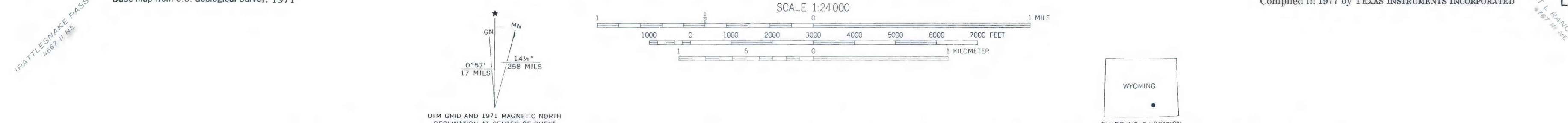
Wyoming Geol. Survey, 1977, Plats of surface and underground mines: Wyoming Geol. Survey, unpublished data.



MAP SHOWING LOCATION OF THE CARBON (14) QUADRANGLE AND THE HANNA-CARBON BASINS KNOWN RECOVERABLE COAL RESOURCE AREA, WYOMING.

Base map from U.S. Geological Survey, 1971

Compiled in 1977 by TEXAS INSTRUMENTS INCORPORATED



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

BY
TEXAS INSTRUMENTS INCORPORATED
1978