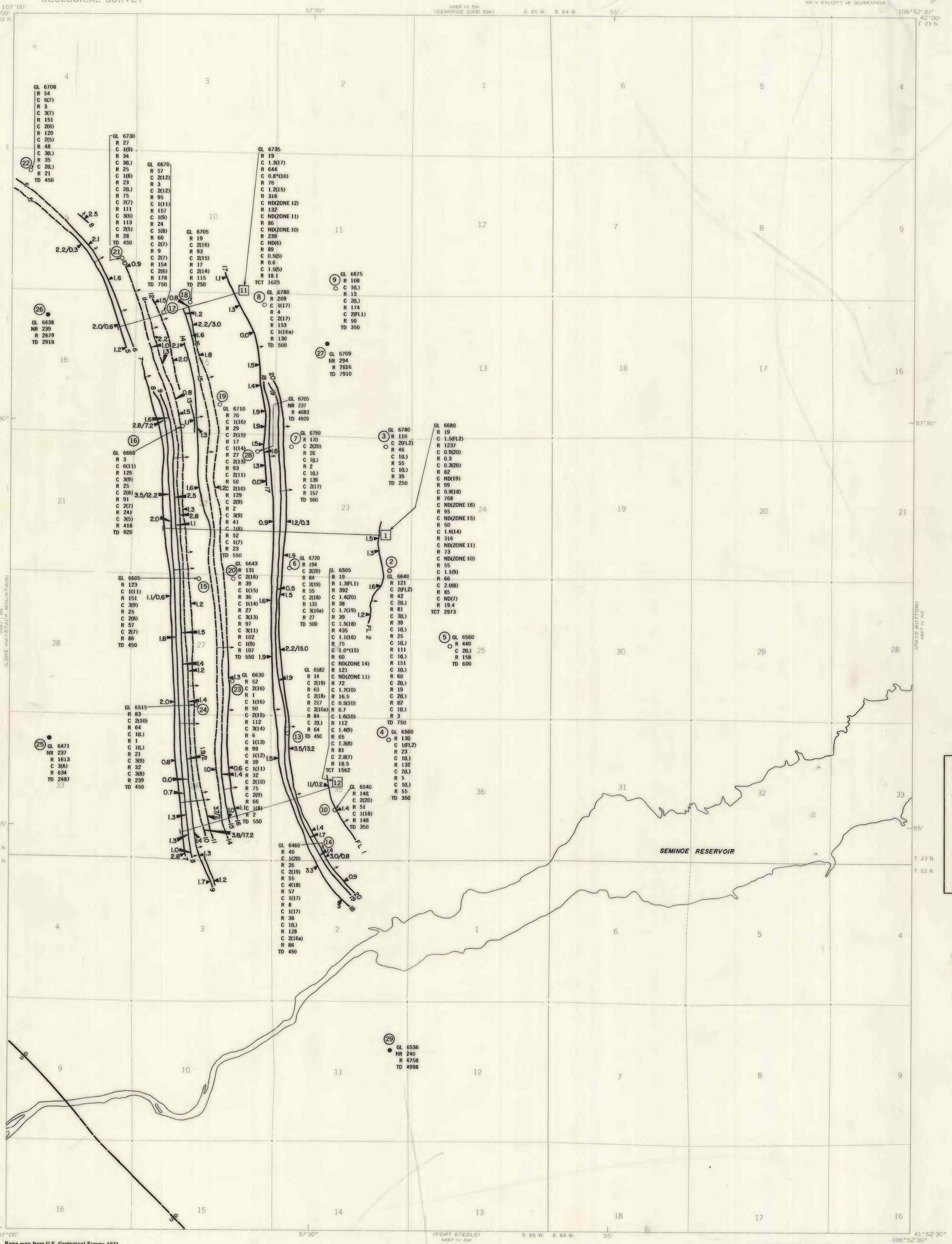
OPEN FILE REPORT
78-057
1 OF 4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FERRIS LAKE QUADRANGLE
WYOMING--CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 WALCOTT 15' QUADRANGLE



Base map from U.S. Geological Survey, 1971

Compiled in 1977 by TEXAS INSTRUMENTS INCORPORATED

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

GN MN 1°18' 23 MILS 14½° 258 MILS

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING

QUADRANGLE LOCATION

EXPLANATION

(5) GL 6560
R 440
C 2(L)
R 158
TD 600

COAL TEST HOLE—Showing index number of hole on plate 3 of CRO map and drill-hole data, in feet.

(25) GL 6471
NR 237
R 1613
C 3(A)
R 634
TD 2487

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

1

*–Measured coal thickness
ND–No thickness data–coal horizon
TCT–Total calculated thickness

COMPILED SECTION—Showing index number of section on plate 3 of CRO map. All thicknesses are estimated unless noted by asterisk(*).

FL2 = Ferris Lake Lens 2	*13*
FL1	*12*
20	*11*
19	*10*
18	*9*
17	*8*
16a	*7*
16	*6*
15	*5*
14	*A* = Almond

L = Local lens
A, FL, 16a = Local bed identifiers

COAL BED SYMBOLS AND NAMES

1.4 3.8/17.2 10

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.

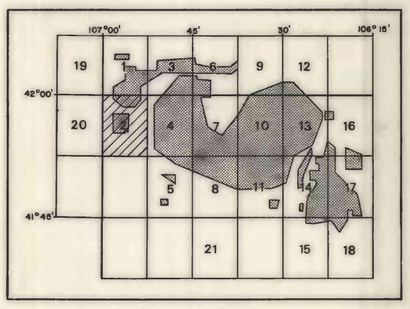
U D

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

To convert feet to meters, multiply feet by 0.3048.

REFERENCE

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.



MAP SHOWING LOCATION OF THE FERRIS LAKE (2) QUADRANGLE AND THE HANNA-CARBON BASINS KNOWN RECOVERABLE COAL RESOURCE AREA, WYOMING.

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

BY

TEXAS INSTRUMENTS INCORPORATED

1978

PLATE 1

COAL DATA MAP