COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION	COAL BED NAME		LITHOLOGIC DESCRIPTION
TERTIARY	PALEOCENE	HANNA	107	Coal	Shale, dark-gray, yellowish, carbonaceous. Sandstone, brown, buff to grayish-white, coarse-grained and massive to fine-grained and thin-bedded, brown weathering, commonly conglomeratic, often showing ripple marks, cross-bedding and lenticular bedding. Conglomerate, massive, pebbles of chert, granite, quartzite sandstone and shale. Coal. Base of formation is marked by thick conglomeratic sandstone and locally by massive conglomerate.
			106	Coal	
			105	Coal	
			EML 3	Coal	
			L	Coal	
			CL 2	Coal	
			FB	Coal	
			L	Coal	
			L	Coal	
			EML 1	Coal	
			L	Coal	
			L	Coal	
			JB	Coal	
			L	Coal	
			L	Coal	

METERS FEET
0 — 0
25 — 100
50 — 200
75 — 300
100 — 400
125 — 500
150

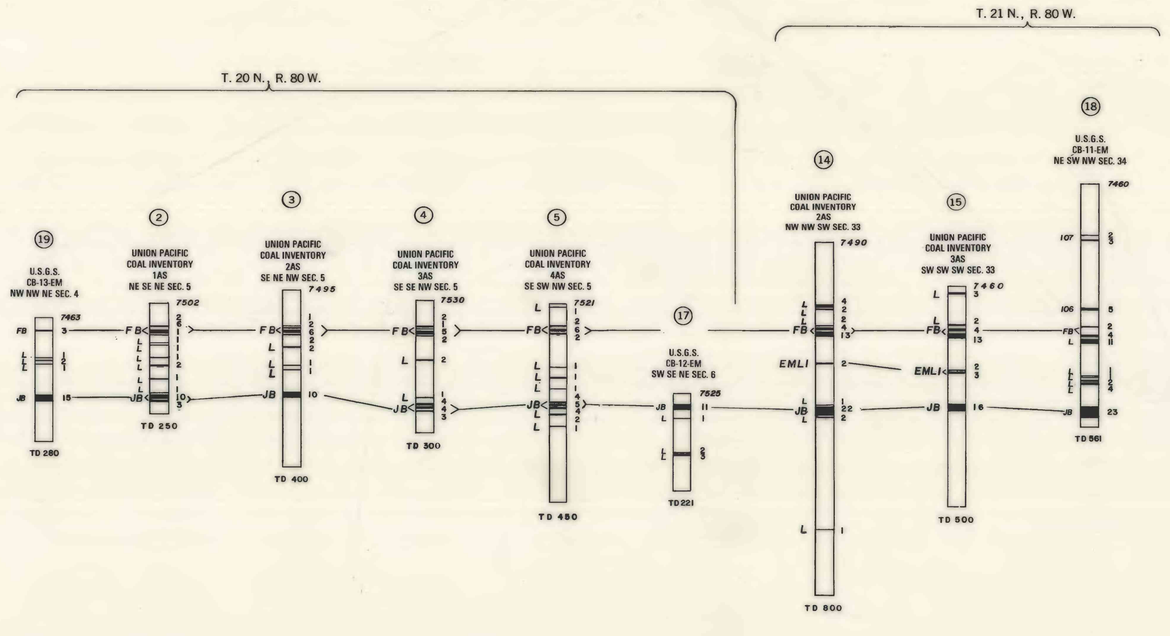
Vertical Scale for composite columnar section

EXPLANATION OF LITHOLOGIC PATTERNS

Shale | Sandstone | Coal

Compiled in 1977 by Texas Instruments Incorporated

CORRELATION OF COAL BEDS IN DRILL HOLES



T. 19 N., R. 80 W.

T. 20 N., R. 81 W.

1 CAULKINS OIL CO 1 SEIERSON SW SE SE SEC. 6
GL 7524
TD 3103
NO COAL

6 CARR & WRATH FEDERAL 1 SW NE SW SEC. 2
GL 7336
TD 6448
NO COAL

7 TEXAS COMPANY MILL CREEK UNIT 1 NE NE SE SEC. 14
GL 7285
TD 6389
NO COAL

8 JAMES G. BROWN & ASSOC. 1 UPRR WEST NE SW NE SEC. 23
GL 7310
TD 4223
NO COAL

9 JAMES G. BROWN & ASSOC. 2 UPRR NE SE SW SEC. 23
GL 7372
TD 2518
NO COAL

10 JAMES WENDELL WEST 1 EDGAR WEST SW SW SW SEC. 24
GL 7308
TD 4228
NO COAL

11 OCCIDENTAL PETROLEUM 1 GOVT. WEBER SE SE NW SEC. 24
GL 7311
TD 5676
NO COAL

12 DAVIS OIL CHAMPLIN HALLECK 1 NW NE NE SEC. 27
GL 7454
TD 3988
NO COAL

13 DAVIS OIL HALLECK 1 SW SW SW SEC. 27
GL 7766
TD 5895
NO COAL

16 SKELLY OIL 1 UPRR J. I. HARRIS SW NW NW SEC. 24
GL 7265
TD 5306
NO COAL

METERS FEET
0 — 0
25 — 100
50 — 200
75 — 300
100 — 400
125 — 500
150

Vertical Scale for drill holes

EXPLANATION

15 — Index number of drill hole or well

UNION PACIFIC COAL INVENTORY 3AS SW SW SW SEC. 33 — Company and drill-hole and well name; Drill-hole or well location

7460 — Elevation at surface of drill hole or well

L, L, FB, EML1, JB — Rock interval; Coal bed, showing thickness in feet

TD 500 — Column shown closed if at total depth; total depth (TD) in feet

Coal bed names and symbols

107, 106, FB = Finch Bed, EML1 = Elk Mountain Lens 1, JB = Johnson Bed, L = Local lens, EML = Local bed identifier

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Gill, J. R., Merewether, E. A., and Cobban, W. A., 1970, Stratigraphy and nomenclature of some Upper Cretaceous and lower Tertiary rocks in south-central Wyoming: U.S. Geol. Survey Prof. Paper 667, 53p., 15 figs., 1 table.

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

BY

TEXAS INSTRUMENTS INCORPORATED

1978

PLATE 3
COAL DATA SHEET

OPEN FILE REPORT

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

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78-051
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