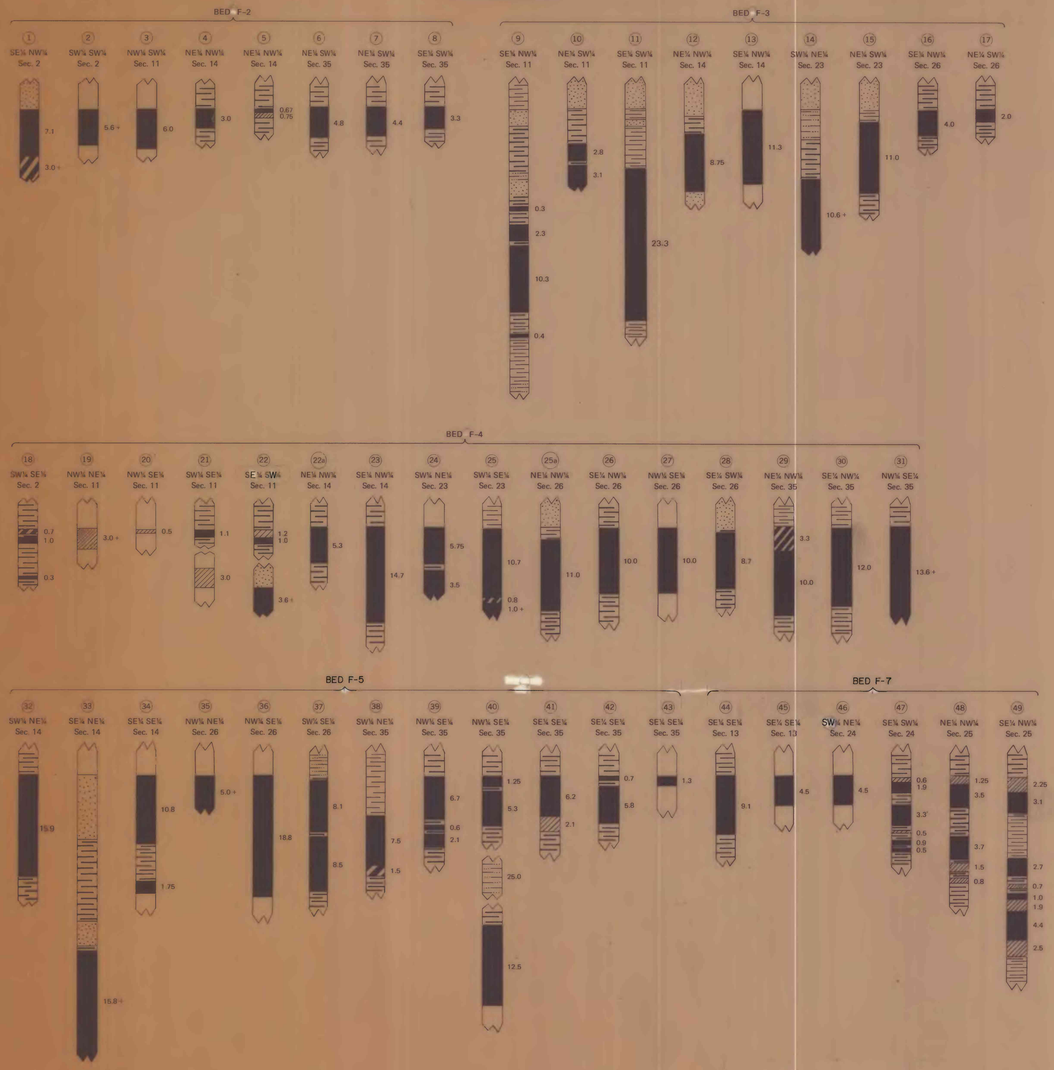
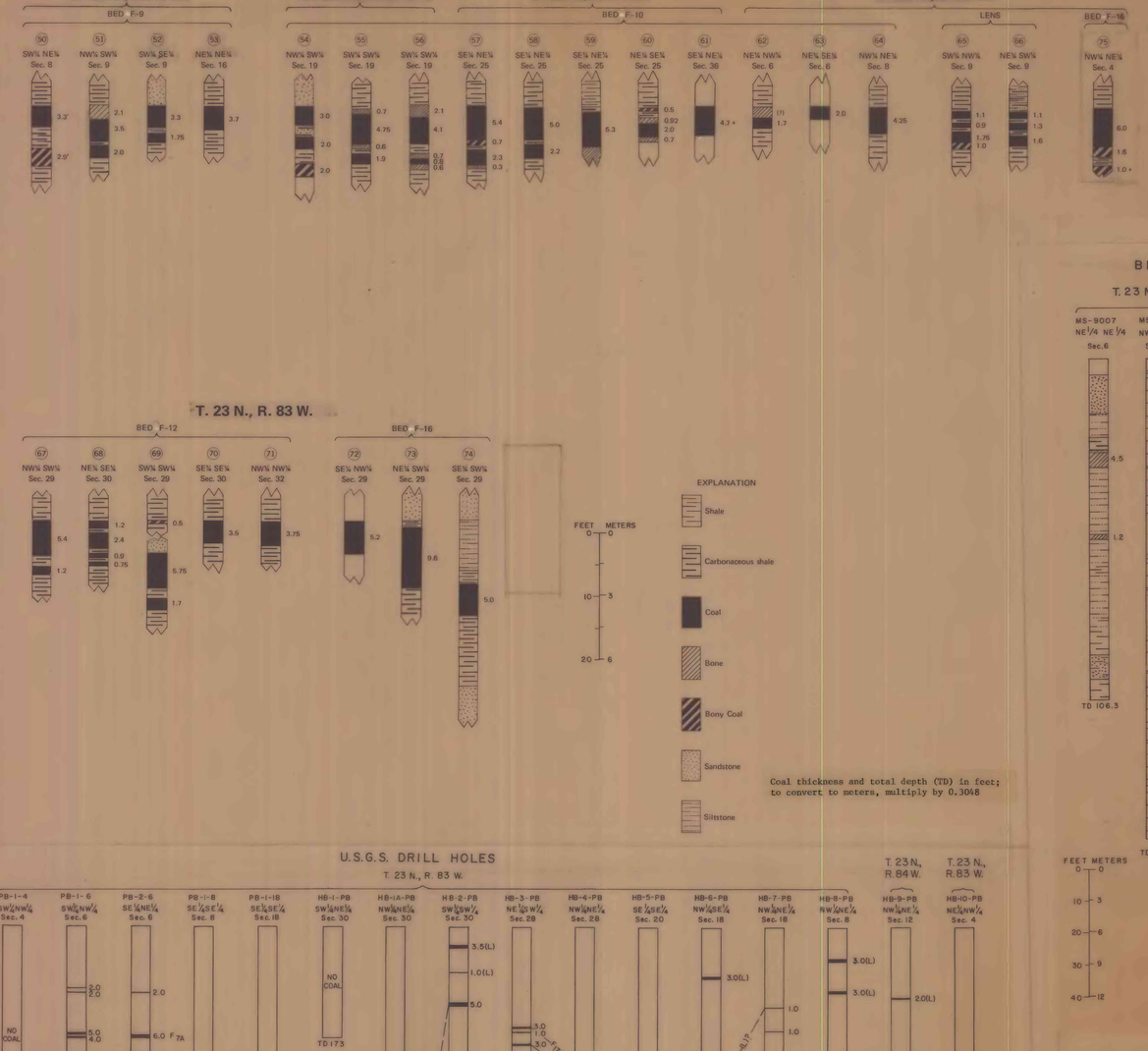
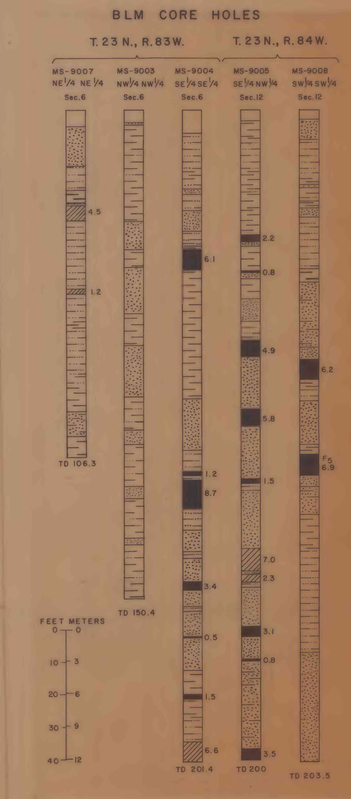
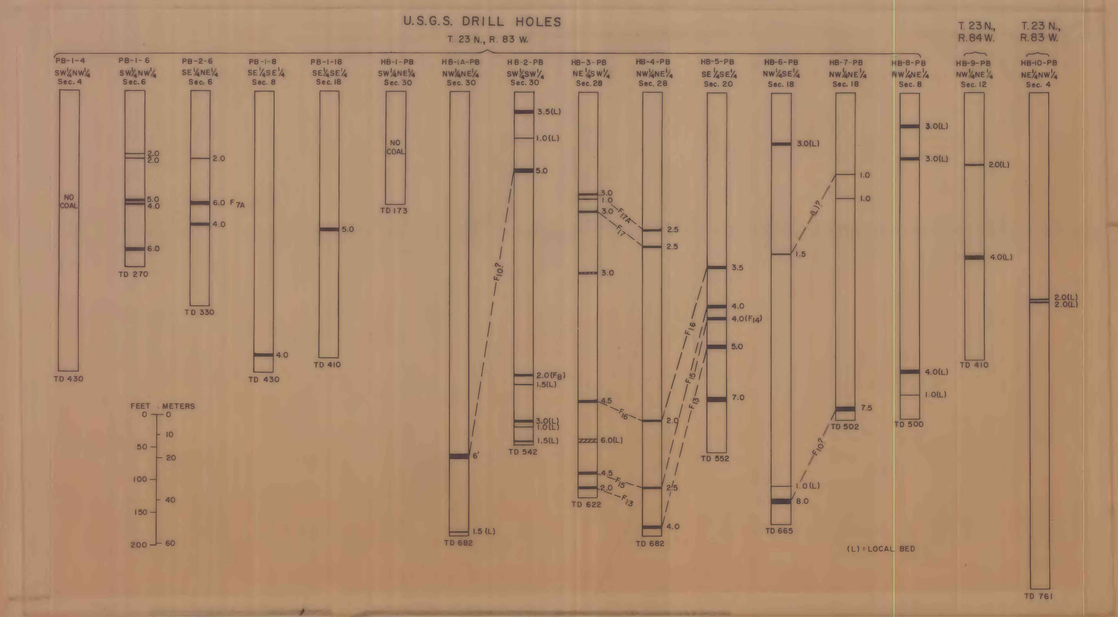




Coal thickness and total depth (TD) in feet; to convert to meters, multiply by 0.3048





MEASURED COAL SECTIONS, DRILL HOLES, AND CORE HOLES

Table 1.—Summary of coal analyses from 10 drill-core samples, Pats Bottom quadrangle, Carbon County, Wyo.

[Analysis by Union Pacific Coal Company Inventory Program, 1970. Published with permission from Rocky Mountain Energy Company (formerly Union Pacific Coal Company)]

	As-received basis	
	Range (percent)	Mean (percent)
Moisture	9.32–12.54	11.30
Ash	5.30–14.74	8.80
Volatile matter	33.46–40.31	35.35
Fixed carbon	33.65–48.50	44.56
Sulfur	0.27– 0.93	0.57
Heating value, Btu/lb	9,545–10,991	10,511

Table 2.—Correlation of coal beds

This report	Dobbin, Bowen and Hoots (1929)
F_1	25
F_2	27(121)
F_3	28(122)
F_4	31(125)
$F_{5,L,M,U}$	33(127)
F_6	37
F_{6A}	128
F_7	46
F_{7A}	130 and lens
F_8	49
F_9	50
F_{10}	51
F_{11}	60–A
F_{12}	61
F_{13}	63–A
F_{14}	63
F_{15}	64
F_{16}	65
F_{17}	67
F_{17A}	67–A

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

GEOLOGIC MAP AND COAL SECTIONS OF THE PATS BOTTOM QUADRANGLE, CARBON COUNTY, WYOMING

By

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1980