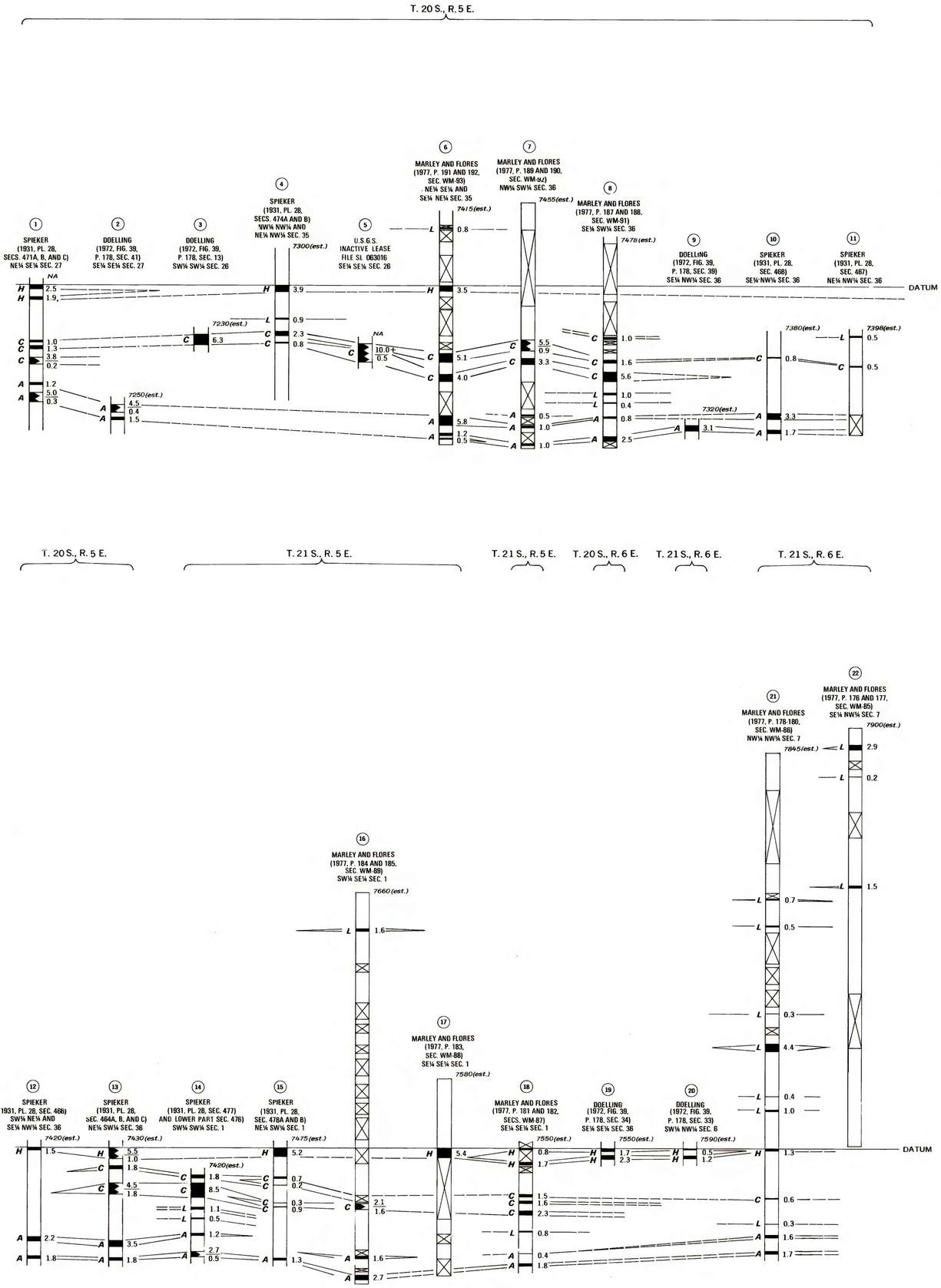
COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION	COAL BED NAME		LITHOLOGIC DESCRIPTION
TERTIARY	PALEOCENE	FLAGSTAFF LS.		1	1. Limestone interbedded with sandstone and shale; limestone, white to dark-yellow to gray; sandstone, buff to brown, fine-grained; shale, variegated.
		?			2. Shale, variegated.
					3. Sandstone, red, fine- to coarse-grained.
					4. Limestone, dark-yellow to gray.
					5. Sandstone, red to yellow, fine- to coarse-grained, conglomeratic near base.
					6. Shale, gray to brown.
					7. Sandstone, yellow, fine- to coarse-grained, conglomeratic near base.
				1	8. Shale and sandstone interbedded; shale, gray to brown; sandstone, light-yellow to gray, fine-grained.
					9. Shale and siltstone interbedded; shale, gray to brown; siltstone, dark-gray, carbonaceous.
					10. Sandstone, upper part yellow, coarse-grained; lower part light-to-dark-gray, medium-grained, conglomeratic
					11. Siltstone, dark-gray, carbonaceous.
					12. Sandstone, light-to dark-gray, fine- to coarse-grained.
					13. Siltstone, dark-gray, carbonaceous, coal streaks
					14. Coal interbedded with dark-gray, fine- to medium-grained sandstone,
					15. Shale, dark-gray.
					16. Coal.
					17. Shale, dark-gray, carbonaceous
					18. Coal.
					19. Sandstone, light gray, fine- to medium-grained.
					20. Coal.
					21. Coal.
					22. Coal.
					23. Coal.
					24. Coal.
					25. Sandstone, yellow to gray, fine- to coarse-grained.
	?	NORTH HORN FORMATION		2	
				3	
				2	
				4	
				2	
				5	
				2	
				4	
				6	
				7	
CRETACEOUS	MAESTRICHTIAN	?			
		PRICE RIVER FORMATION		8	
				9	
	CAMPANIAN	CASTLEGATE SS.		10	
				11	
		BLACKHAWK FORMATION	Local	12	
			Local	13	
			Local	12	
				14	
				12	
				15	
				12	
			Slide	16	17
			Hollow	18	19
			Muddy No. 2	20	
				17	
			Muddy No. 1	21	19
			Upper Hiawatha	22	15
			Hiawatha C Bed	23	19
			A Bed	24	19
		STAR POINT S.S.		25	

Meters / Feet
0 / 0
30 / 100
60 / 200
90 / 300
120 / 400
150 / 500
Vertical scale

CORRELATION OF COAL BEDS IN MEASURED SECTIONS



EXPLANATION

- Index number
- Measured section name
- Measured section location
- Altitude, in feet, of top of measured section (when estimated- est.)
- No record of lithology
- Rock interval
- Coal interbedded with rock, total coal thickness/total rock thickness
- Coal bed, showing thickness in feet.
- Column shown closed if at end of measured section

Coal bed symbols and names

- ***SH*** = Slide Hollow
- ***M1*** = Muddy No. 1
- ***H*** = Hiawatha (formerly Muddy No. 2 of Spieker, 1931, west of intertonguing zone)
- ***C*** = "C" Bed (formerly Muddy No. 1 of Spieker, 1931, west of intertonguing zone)
- ***A*** = "A" Bed (formerly Hiawatha of Spieker, 1931,, west of intertonguing zone)
- ***L*** = Local coal bed

Meters / Feet
0 / 0
5 / 20
10 / 40
15 / 60
20 / 80
25 / 100
30
Vertical scale

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

Compiled in 1978

COAL RESOURCE OCCURRENCE MAP OF THE FLAGSTAFF PEAK QUADRANGLE, SANPETE, EMERY, AND SEVIER COUNTIES, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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PLATE 3 OF 6

PLATE 3
SHEET 1 OF 2
COAL DATA SHEET