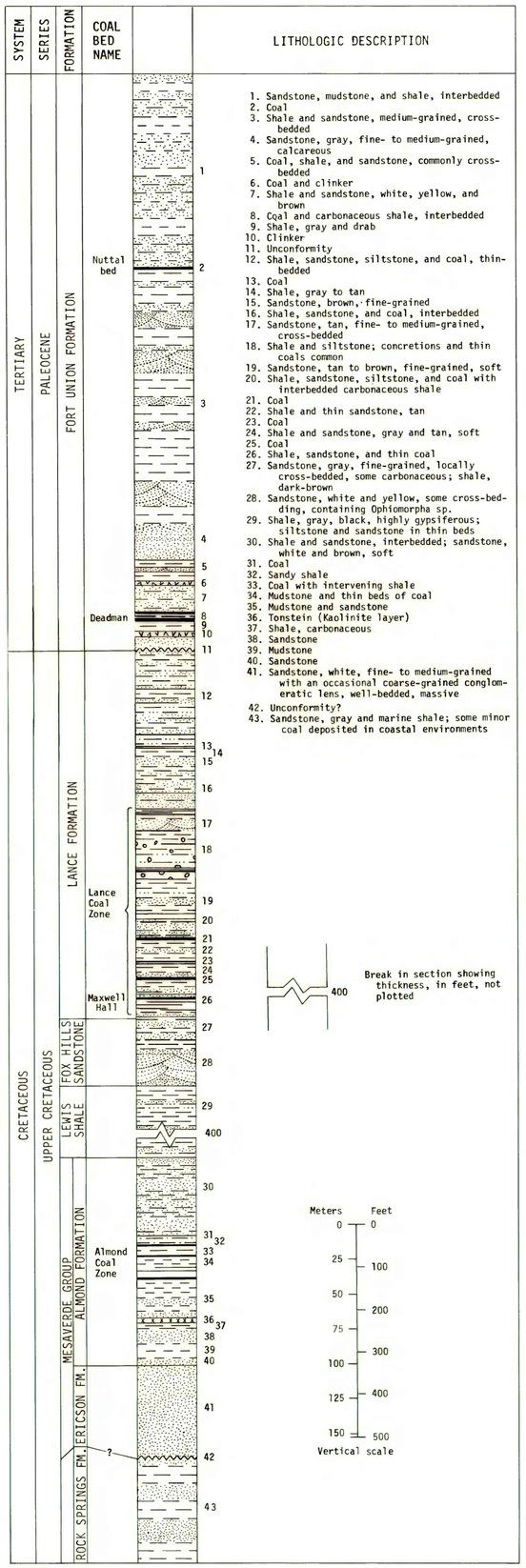
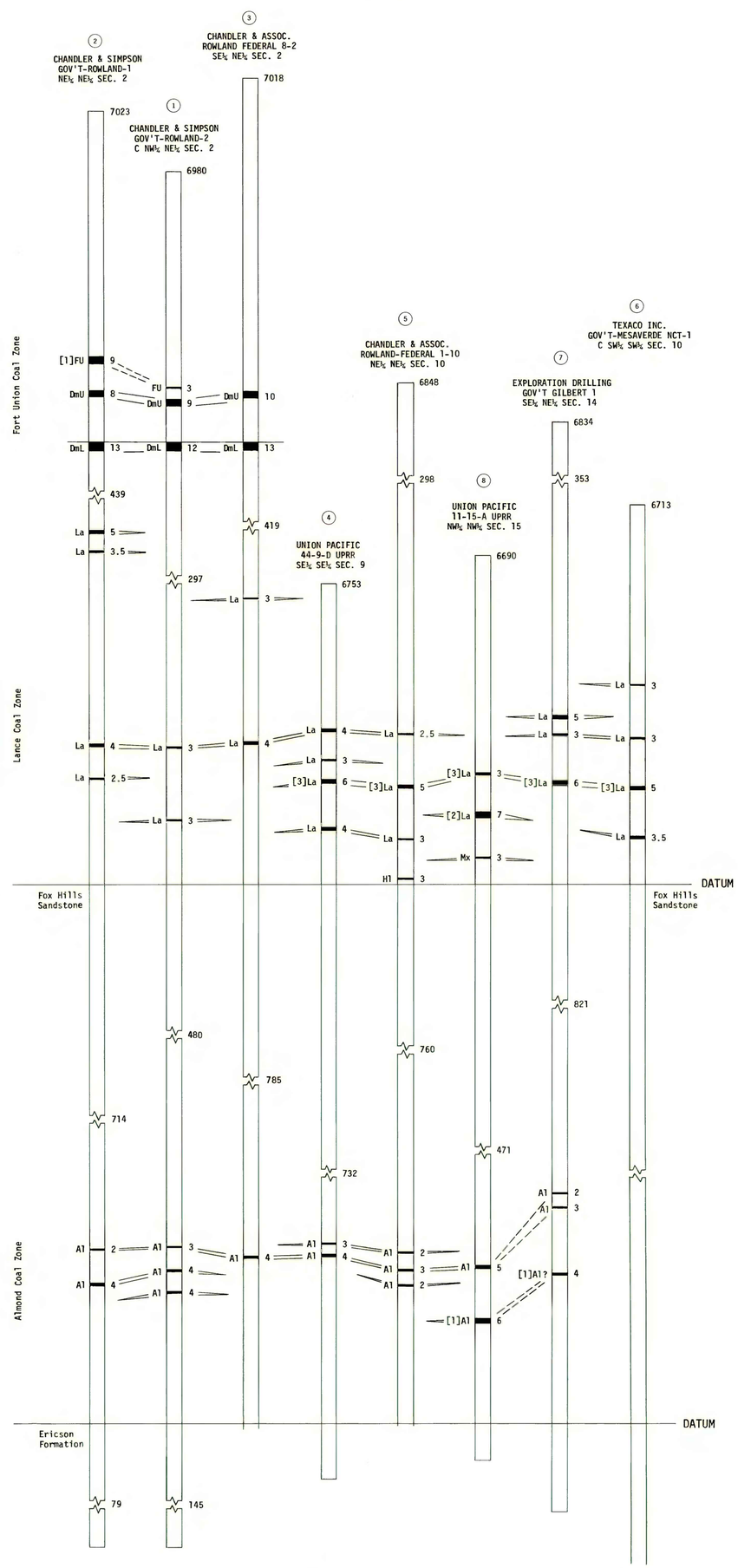
COMPOSITE COLUMNAR SECTION



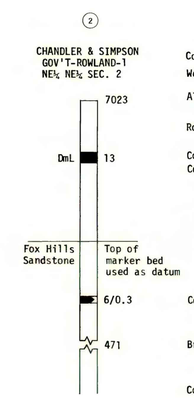
1. Sandstone, mudstone, and shale, interbedded
2. Coal
3. Shale and sandstone, medium-grained, cross-bedded
4. Sandstone, gray, fine- to medium-grained, calcareous
5. Coal, shale, and sandstone, commonly cross-bedded
6. Coal and clinker
7. Shale and sandstone, white, yellow, and brown
8. Coal and carbonaceous shale, interbedded
9. Shale, gray and drab
10. Clinker
11. Unconformity
12. Shale, sandstone, siltstone, and coal, thin-bedded
13. Coal
14. Shale, gray to tan
15. Sandstone, brown, fine-grained
16. Shale, sandstone, and coal, interbedded
17. Sandstone, tan, fine- to medium-grained, cross-bedded
18. Shale and siltstone; concretions and thin coals common
19. Sandstone, tan to brown, fine-grained, soft
20. Shale, sandstone, siltstone, and coal with interbedded carbonaceous shale
21. Coal
22. Shale and thin sandstone, tan
23. Coal
24. Shale and sandstone, gray and tan, soft
25. Coal
26. Shale, sandstone, and thin coal
27. Sandstone, gray, fine-grained, locally cross-bedded, some carbonaceous; shale, dark-brown
28. Sandstone, white and yellow, some cross-bedding, containing Ophiomorpha sp.
29. Shale, gray, black, highly gypsiferous; siltstone and sandstone in thin beds
30. Shale and sandstone, interbedded; sandstone, white and brown, soft
31. Coal
32. Sandy shale
33. Coal with intervening shale
34. Mudstone and thin beds of coal
35. Mudstone and sandstone
36. Tonstein (Kaolinite layer)
37. Shale, carbonaceous
38. Sandstone
39. Mudstone
40. Sandstone
41. Sandstone, white, fine- to medium-grained with an occasional coarse-grained conglomeratic lens, well-bedded, massive
42. Unconformity?
43. Sandstone, gray and marine shale; some minor coal deposited in coastal environments

CORRELATION OF COAL BEDS IN DRILL HOLES

T. 19 N., R. 100 W.



EXPLANATION



Index number

CHANDLER & SIMPSON GOV'T-ROWLAND-1 NE¼ NE¼ SEC. 2 — Company or author and well name

Well location

7023 — Altitude, in feet, of drill hole at surface

Rock interval

DmL 13 — Coal bed showing thickness in feet

Coal bed symbols and names - Letters and bracketed numbers designate name of coal bed as listed below

- FU - Fort Union
- DmU - Upper Deadman
- DmL - Lower Deadman
- La - Lance
- Mx - Maxwell
- Hl - Hall
- Al - Almond

6/0.3 — Coal interbedded with rock, total coal thickness/total rock thickness

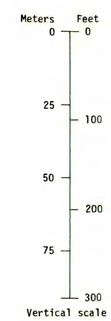
471 — Break in rock interval showing thickness, in feet, not plotted

Column shown closed if hole at total depth

REFERENCES

Madden, D.H., 1977, Geology of the Bitter Creek Northwest quadrangle, Sweetwater County, Wyoming: U.S. Geol. Survey unpublished map and report.

Schultz, A.R., 1909, The northern part of the Rock Springs coal field, Sweetwater County, Wyoming: in Coal fields of Wyoming: U.S. Geol. Survey Bull. 341-B, p. 256-282.



COAL RESOURCE OCCURRENCE MAP OF THE BITTER CREEK NW QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY

DAMES & MOORE

1979

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