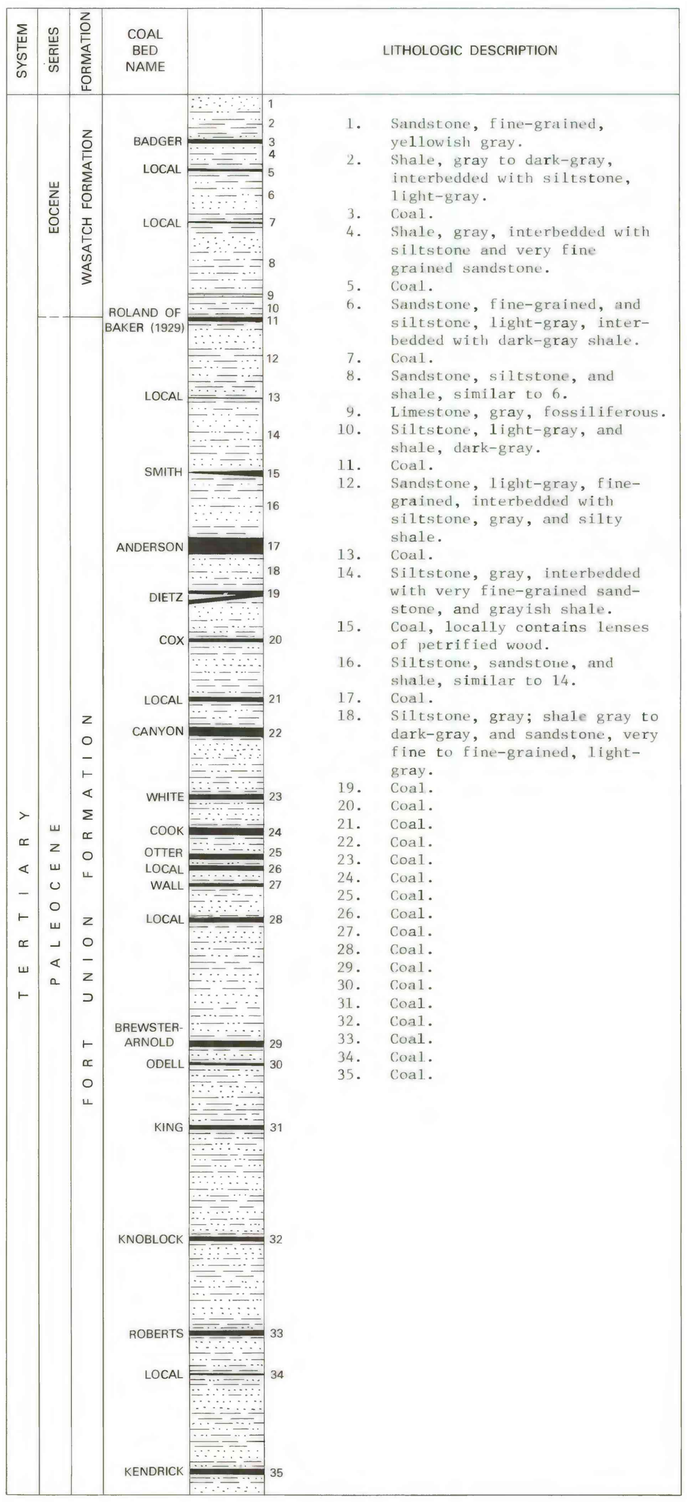
OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

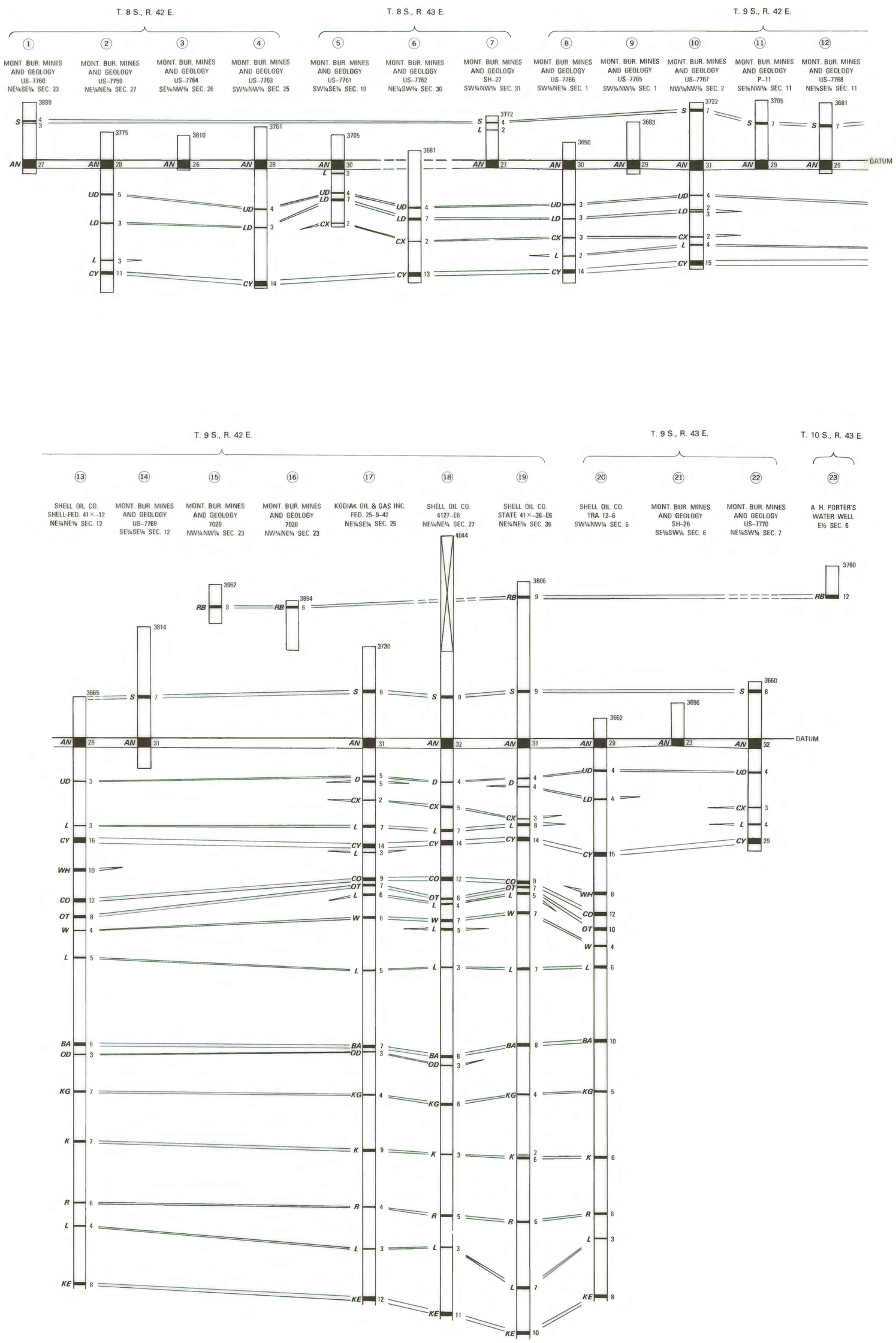
OPEN-FILE REPORT 78-652

COMPOSITE COLUMNAR SECTION



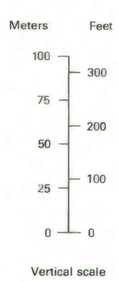
1. Sandstone, fine-grained, yellowish gray.
2. Shale, gray to dark-gray, interbedded with siltstone, light-gray.
3. Coal.
4. Shale, gray, interbedded with siltstone and very fine grained sandstone.
5. Coal.
6. Sandstone, fine-grained, and siltstone, light-gray, interbedded with dark-gray shale.
7. Coal.
8. Sandstone, siltstone, and shale, similar to 6.
9. Limestone, gray, fossiliferous.
10. Siltstone, light-gray, and shale, dark-gray.
11. Coal.
12. Sandstone, light-gray, fine-grained, interbedded with siltstone, gray, and silty shale.
13. Coal.
14. Siltstone, gray, interbedded with very fine-grained sandstone, and grayish shale.
15. Coal, locally contains lenses of petrified wood.
16. Siltstone, sandstone, and shale, similar to 14.
17. Coal.
18. Siltstone, gray; shale gray to dark-gray, and sandstone, very fine to fine-grained, light-gray.
19. Coal.
20. Coal.
21. Coal.
22. Coal.
23. Coal.
24. Coal.
25. Coal.
26. Coal.
27. Coal.
28. Coal.
29. Coal.
30. Coal.
31. Coal.
32. Coal.
33. Coal.
34. Coal.
35. Coal.

CORRELATION OF COAL BEDS IN DRILL HOLES



EXPLANATION

(18)	Index number
SHELL OIL CO. 4127-E6	Company and drill hole name
NE¼NE¼ SEC. 27	Drill hole location
4044	Altitude in feet of drill hole at surface
	No record
	Rock
S 9	Coal bed, showing thickness in feet
AN 32	Column shown closed if at total depth



COAL BED SYMBOLS AND NAMES

- RB = Roland of Baker (1929)
- S = Smith
- AN = Anderson
- D = Dietz
- UD = Upper Split of Dietz
- LD = Lower Split of Dietz
- CX = Cox
- L = Local
- CY = Canyon
- WH = White
- CO = Cook
- OT = Otter
- W = Wall
- BA = Brewster-Arnold
- OD = Odell
- KG = King
- K = Knobloch
- R = Roberts
- KE = Kendrick

REFERENCE

Baker, A. A., 1929. The northbound extension of the Sheridan coal field, Big Horn and Rosebud Counties, Montana: U.S. Geol. Survey Bull. 806-B, p. 15-69.

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE PINE BUTTE SCHOOL QUADRANGLE, BIG HORN COUNTY, MONTANA

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1978