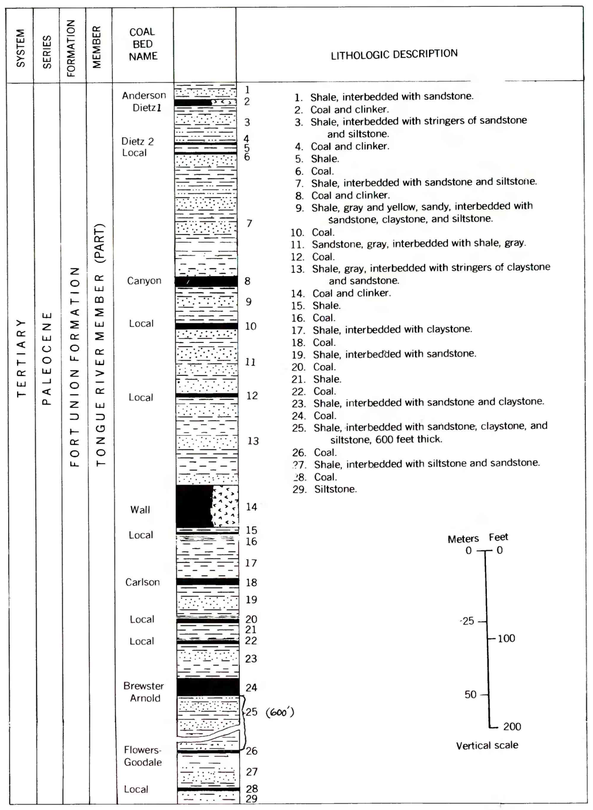
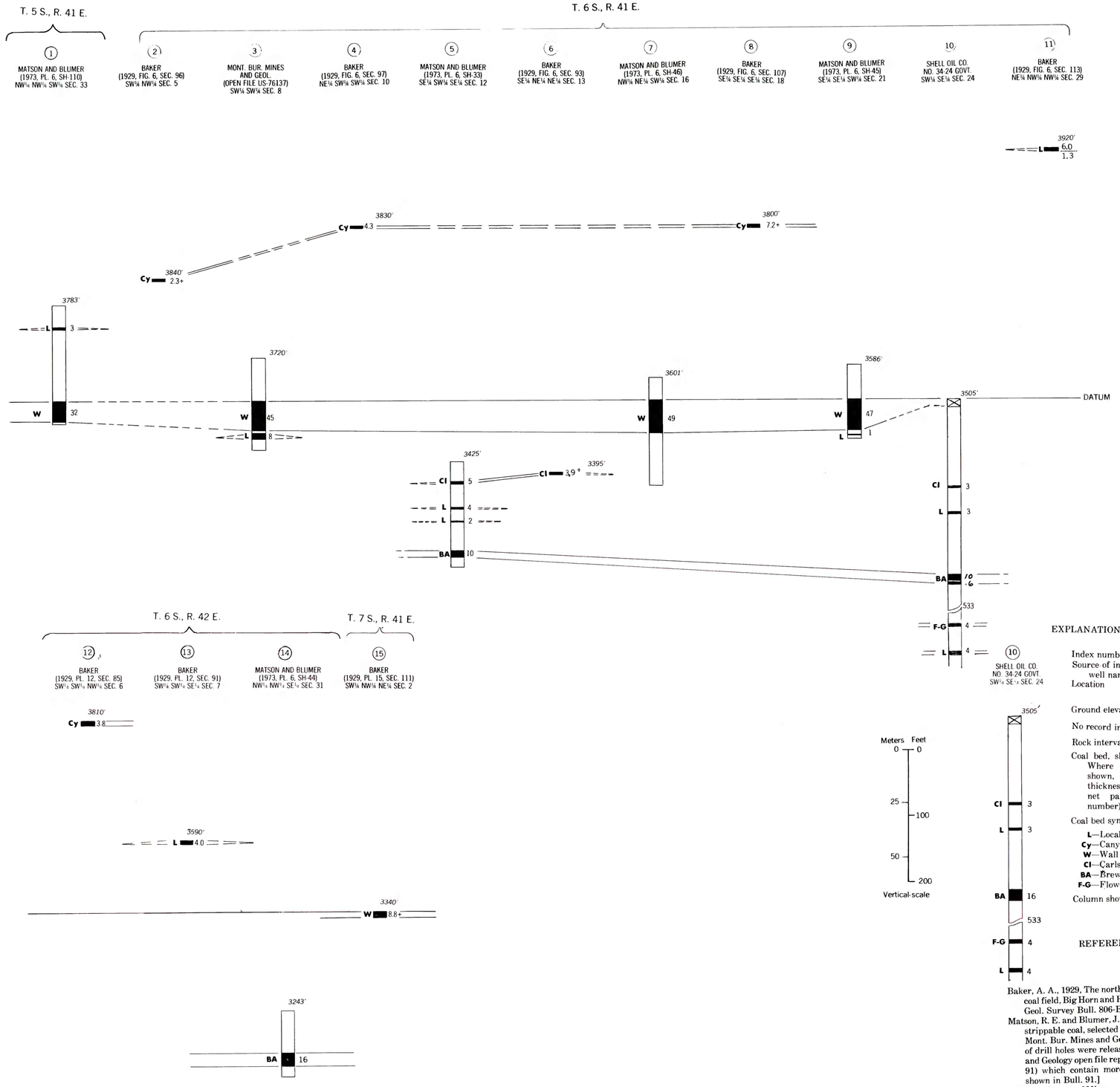
COMPOSITE COLUMNAR SECTION



1. Shale, interbedded with sandstone.
2. Coal and clinker.
3. Shale, interbedded with stringers of sandstone and siltstone.
4. Coal and clinker.
5. Shale.
6. Coal.
7. Shale, interbedded with sandstone and siltstone.
8. Coal and clinker.
9. Shale, gray and yellow, sandy, interbedded with sandstone, claystone, and siltstone.
10. Coal.
11. Sandstone, gray, interbedded with shale, gray.
12. Coal.
13. Shale, gray, interbedded with stringers of claystone and sandstone.
14. Coal and clinker.
15. Shale.
16. Coal.
17. Shale, interbedded with claystone.
18. Coal.
19. Shale, interbedded with sandstone.
20. Coal.
21. Shale.
22. Coal.
23. Shale, interbedded with sandstone and claystone.
24. Coal.
25. Shale, interbedded with sandstone, claystone, and siltstone, 600 feet thick.
26. Coal.
27. Shale, interbedded with siltstone and sandstone.
28. Coal.
29. Siltstone.

CORRELATION OF COAL BEDS IN MEASURED SECTIONS, AND DRILL HOLES



EXPLANATION

Index number
Source of information or company and well name
Location
Ground elevation
No record interval
Rock interval
Coal bed, showing thickness, in feet. Where a thickness fraction is shown, it indicates the net coal thickness (upper number), and the net partings thickness (lower number).

Coal bed symbols and names

- **L**—Local
- **Cy**—Canyon
- **W**—Wall
- **Cl**—Carlson
- **BA**—Brewster-Arnold
- **F-G**—Flowers-Goodale

Column shown closed if at total depth

REFERENCES

Baker, A. A., 1929, The northward extension of the Sheridan coal field, Big Horn and Rosebud Counties, Montana: U. S. Geol. Survey Bull. 806-B, p. 15-67.

Matson, R. E. and Blumer, J. W., 1973, Quality and reserves of strippable coal, selected deposits, southeastern Montana: Mont. Bur. Mines and Geol. Bull. 91, 135 p. [Original logs of drill holes were released as Montana Bureau of Mines and Geology open file reports (and as an appendix to Bull. 91) which contain more complete information than is shown in Bull. 91.]

Montana Bureau of Mines and Geology, 1976, Open file report.

COAL RESOURCE OCCURRENCE MAP OF BIRNEY SW QUADRANGLE, ROSEBUD AND BIG HORN COUNTIES, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 79-645
PLATE 3 OF 22

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

Compiled in 1977

PLATE 3
COAL DATA SHEET