

COMPOSITE COLUMNAR SECTION

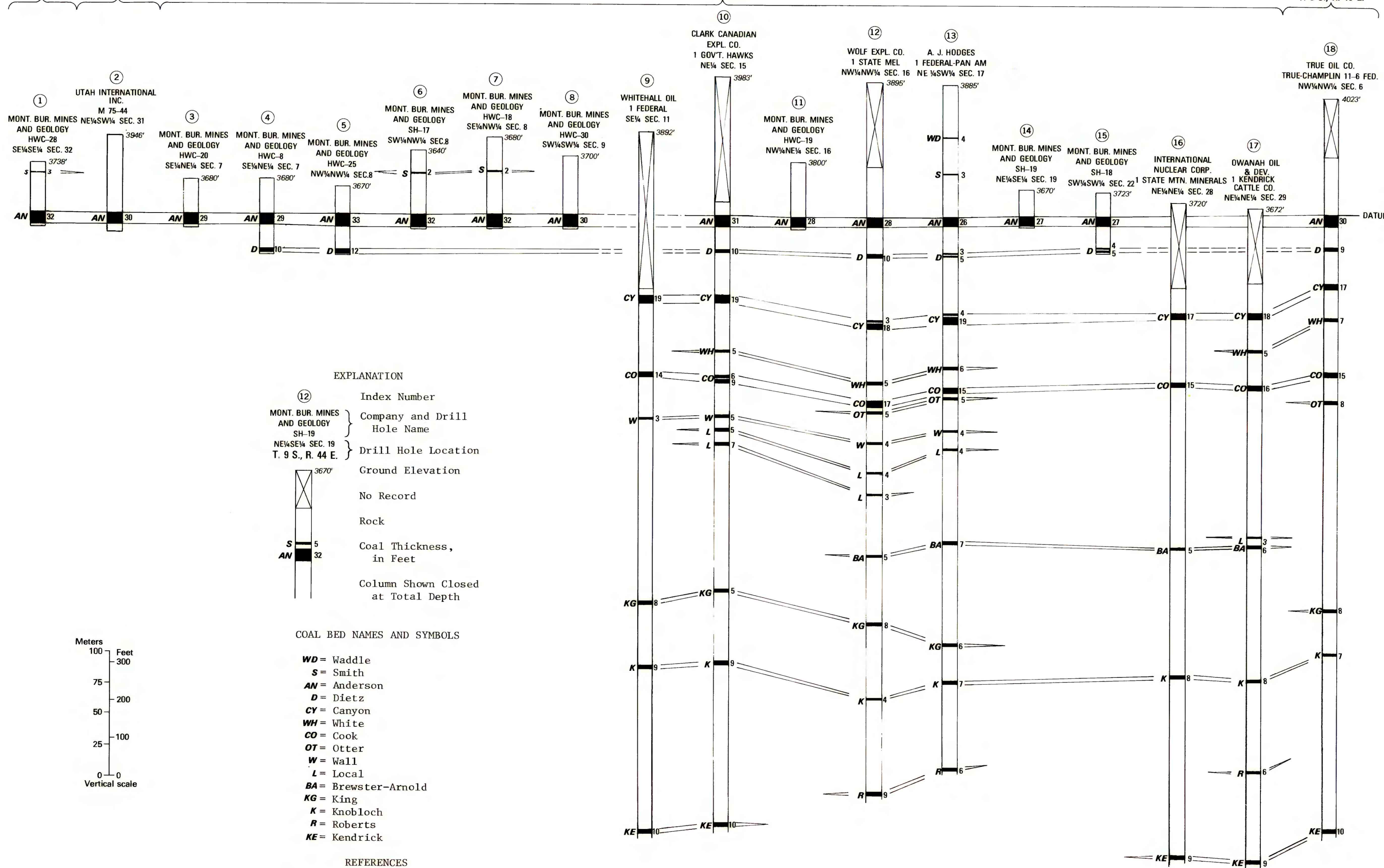
| SYSTEM | SERIES | FORMATION | COAL BED NAME | LITHOLOGIC DESCRIPTION | | |
|----------|----------|-----------|------------------------|--|----------|--|
| TERTIARY | Eocene | Wasatch | Arvada | 1. Shale, gray to dark gray, interbedded with gray siltstone and fine-grained light gray sandstone. | | |
| | | | Roland of Baker (1929) | 2. Coal | | |
| | | | Trail | 3. Shale, gray to brownish gray, interbedded with light gray siltstone and fine- to medium-grained sandstone, and a thin bed of molluscan coquina. | | |
| | | | Waddle | 4. Coal, locally split into two or three benches, separated by shale. | | |
| | | | Smith | 5. Shale, gray, and siltstone, yellowish gray, locally with thin coal bed. | | |
| | | | Anderson | 6. Sandstone, fine- to medium-grained, light gray to yellowish gray, forms persistent ledge and bench. Locally contains silty shale in middle. | | |
| | | | Dietz | 7. Coal, with one or more partings. | | |
| | | | Canyon | 8. Shale, gray and sandstone, fine-grained, light gray. Locally containing thin zone of molluscan fossils. | | |
| | | | White | 9. Coal, locally impure. | | |
| | | | Cook | 10. Shale, gray, siltstone, light gray, and sandstone, yellowish gray, fine-grained; locally contains thin coal bed. | | |
| | | | Otter | 11. Coal, contains abundant petrified wood. | | |
| | | | Wall | 12. Sandstone, light gray, fine-grained; siltstone gray to light gray, and gray shale. | | |
| | | | Local | 13. Shale, carbonaceous, gray to brownish gray. | | |
| | | | Local | 14. Coal | | |
| | | | Brewster-Arnold | 15. Shale, gray; siltstone, light gray; and sandstone fine-grained, light gray. | | |
| | | | King | 16. Coal | | |
| | | | PALEOCENE | Fort Union | Knobloch | 17. Interbedded siltstone, light gray to gray shale, gray, and fine-grained sandstone, light gray to yellowish gray. |
| | | | | | Roberts | 18. Coal |
| Roberts | 19. Coal | | | | | |
| Roberts | 20. Coal | | | | | |
| Roberts | 21. Coal | | | | | |
| Roberts | 22. Coal | | | | | |
| Roberts | 23. Coal | | | | | |
| Roberts | 24. Coal | | | | | |
| Roberts | 25. Coal | | | | | |
| Roberts | 26. Coal | | | | | |
| Roberts | 27. Coal | | | | | |
| Roberts | 28. Coal | | | | | |
| Kendrick | 29. Coal | | | | | |

T. 8 S., R. 44 E. T. 8 S., R. 45 E.

CORRELATION OF COAL BEDS IN DRILL HOLES

T. 9 S., R. 44 E.

T. 9 S., R. 45 E.



COAL RESOURCE OCCURRENCE MAP OF THE QUIETUS QUADRANGLE, BIG HORN AND POWDER RIVER COUNTIES, MONTANA

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

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PLATE 3 OF 44