

COMPOSITE COLUMNAR SECTION

| SYSTEM | SERIES | FORMATION | MEMBER | COAL BED NAME | LITHOLOGIC DESCRIPTION | Meters | Feet |
|----------|-----------|--------------------|--------------|---------------|---|--------|------|
| TERTIARY | PALEOCENE | FORT UNION | TONGUE RIVER | Rosebud | 1. Shale, gray, sandy | 0 | 0 |
| | | | | McKay | 2. Coal, black | 25 | 75 |
| | | | | | 3. Sandstone, light gray to buff | | |
| | | | | | 4. Coal, black | | |
| | | | | | 5. Shale, light gray, carbonaceous in parts | | |
| | | | | | 6. Shale, gray, sandy | | |
| | | | | | 7. Shale, gray | | |
| | | | | | 8. Coal, black | | |
| | | | | | 9. Sandstone, light gray to buff, massive | | |
| | | | | | 10. Coal, black | | |
| | | | | | 11. Sandstone, light gray, shaly | | |
| | | | | | 12. Coal, black | | |
| | | | | | 13. Sandstone, light gray to buff | | |
| | | Terret upper split | | | | | |
| | | Terret-Robinson | | | | | |
| | | Burley | | | | | |

EXPLANATION

2 Index number (within circle or square)

COMPOSITE SECTION AFTER DOBBIN (1930, PL. 10, SECS. 145, 148) NW¼ SEC. 2

Source of information

Location

Ground elevation

Coal bed, showing thickness in feet
Fraction indicates the net coal thickness (upper number) and the net partings thickness (lower number).

Rock interval; thickness is estimated on composite sections.

Coal bed symbols and names
Rb—Rosebud
Mc—McKay
Te-R—Terret-Robinson
Te-u—Terret upper split
Bu—Burley

REFERENCES

Dobbin, C. E., 1930, The Forsyth coal field, Rosebud, Treasure, and Big Horn Counties, Montana: U.S. Geol. Survey Bull. 812-A, p. 1-55.

Matson, R. E., and Blumer, J. W., 1973, Quality and reserves of strippable coal, selected deposits, southeastern Montana: Montana Bur. Mines and Geology Bull. 91, 135 p.

Pierce, W. G., 1936, The Rosebud coal field, Rosebud and Custer Counties, Montana: U.S. Geol. Survey Bull. 847-B, p. 43-120.

CORRELATION OF COAL BEDS IN COMPOSITE SECTIONS, AND MEASURED SECTIONS

