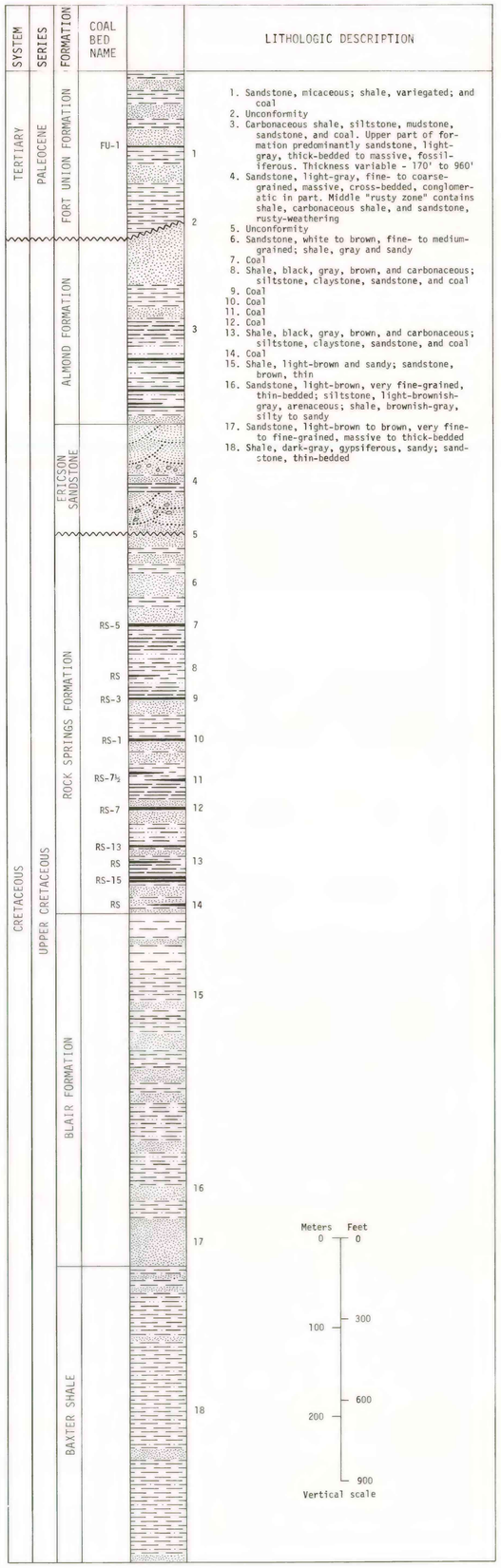
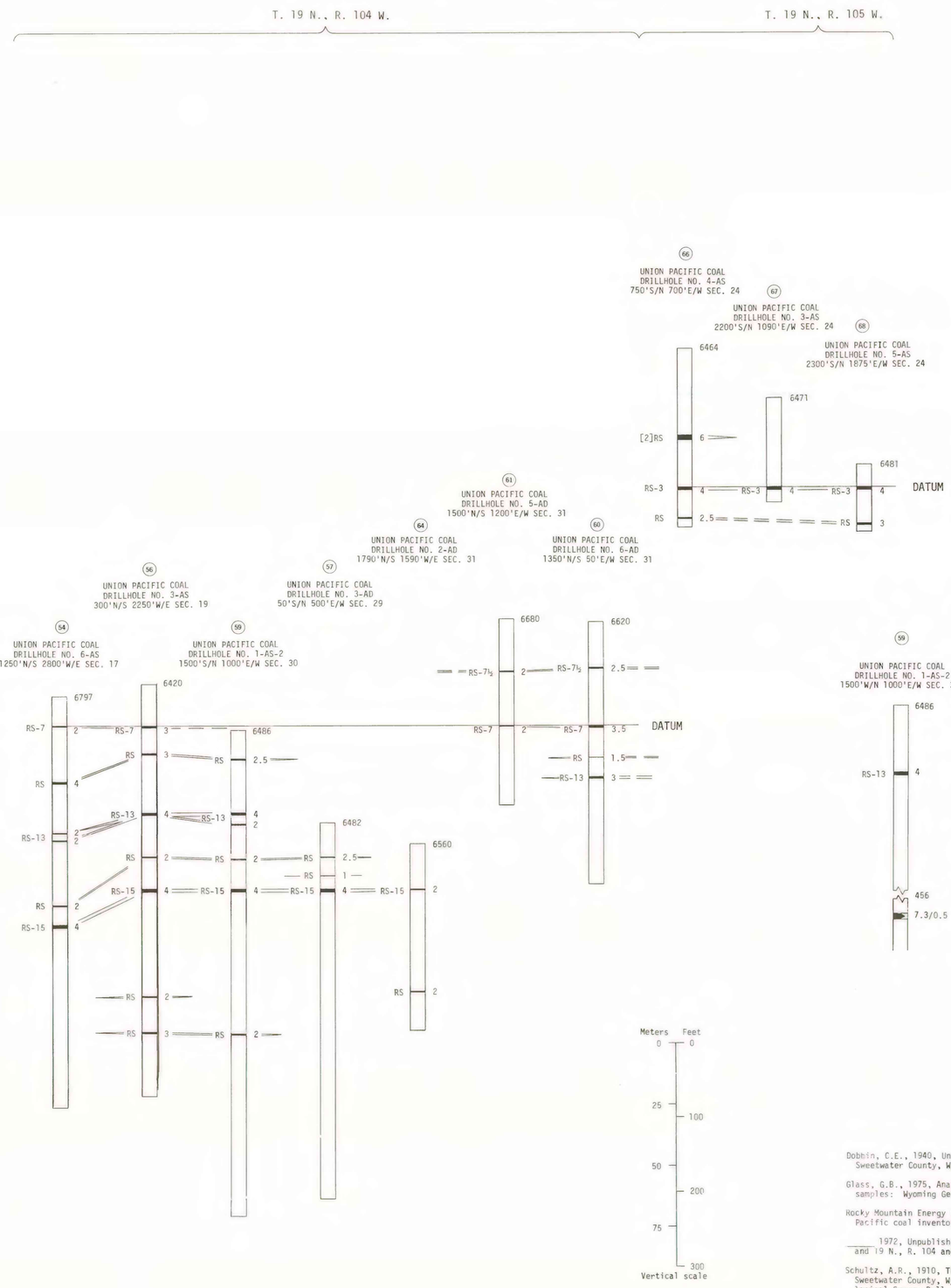
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMPOSITE COLUMNAR SECTION



1. Sandstone, micaceous; shale, variegated; and coal
2. Unconformity
3. Carbonaceous shale, siltstone, mudstone, sandstone, and coal. Upper part of formation predominantly sandstone, light-gray, thick-bedded to massive, fossiliferous. Thickness variable - 170' to 960'
4. Sandstone, light-gray, fine- to coarse-grained, massive, cross-bedded, conglomeratic in part. Middle "rusty zone" contains shale, carbonaceous shale, and sandstone, rusty-weathering
5. Unconformity
6. Sandstone, white to brown, fine- to medium-grained; shale, gray and sandy
7. Coal
8. Shale, black, gray, brown, and carbonaceous; siltstone, claystone, sandstone, and coal
9. Coal
10. Coal
11. Coal
12. Coal
13. Shale, black, gray, brown, and carbonaceous; siltstone, claystone, sandstone, and coal
14. Coal
15. Shale, light-brown and sandy; sandstone, brown, thin
16. Sandstone, light-brown, very fine-grained, thin-bedded; siltstone, light-brownish-gray, arenaceous; shale, brownish-gray, silty to sandy
17. Sandstone, light-brown to brown, very fine- to fine-grained, massive to thick-bedded
18. Shale, dark-gray, gypsiferous, sandy; sandstone, thin-bedded

CORRELATION OF COAL BEDS IN DRILL HOLES



EXPLANATION

Index number

Drillhole or measured section name

Drillhole or measured section location

Altitude, in feet, of top of drillhole or measured section at surface (when no altitude - NA)

Rock interval

Coal bed, showing thickness in feet

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

Coal interbedded with rock, total coal thickness/total rock thickness

Column shown closed if hole at total depth or at end of measured section

Coal bed symbols and names - Coal beds identified by bracketed numbers on this plate are not formally named, but are numbered for identification purposes in this quadrangle only.

RS-5 - Rock Springs No. 5
RS-3 - Rock Springs No. 3
RS-1 - Rock Springs No. 1
RS-7½ - Rock Springs No. 7½
RS-7 - Rock Springs No. 7
RS-13 - Rock Springs No. 13
RS-15 - Rock Springs No. 15 (Van Dyke)
RS - Rock Springs, undifferentiated

REFERENCES

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_____ 1972, Unpublished drillhole data from township maps for T. 18 and 19 N., R. 104 and 105 W.

Schultz, A.R., 1910, The southern part of the Rock Springs coal field, Sweetwater County, Wyoming, in Coal fields in Wyoming: U.S. Geological Survey Bull. 381-B, p. 214-281.

Sears, J.D., 1926, Geology of the Baxter Basin gas field, Sweetwater County, Wyoming: U.S. Geological Survey Bull. 781-B, p. 13-29.

U.S. Geological Survey, 1951, Inactive coal lease No. Wyoming 015155, Gunn-Quealy Coal Co.

_____ Inactive coal lease No. EV-01973, Colony Coal Co. Peacock No. 12 Mine.

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PLATE 3 OF 24

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

PLATE 3
SHEET 1 OF 2
COAL DATA SHEET

Compiled in 1977/1978

COAL RESOURCE OCCURRENCE MAP OF THE ROCK SPRINGS QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY
DAMES & MOORE

1979