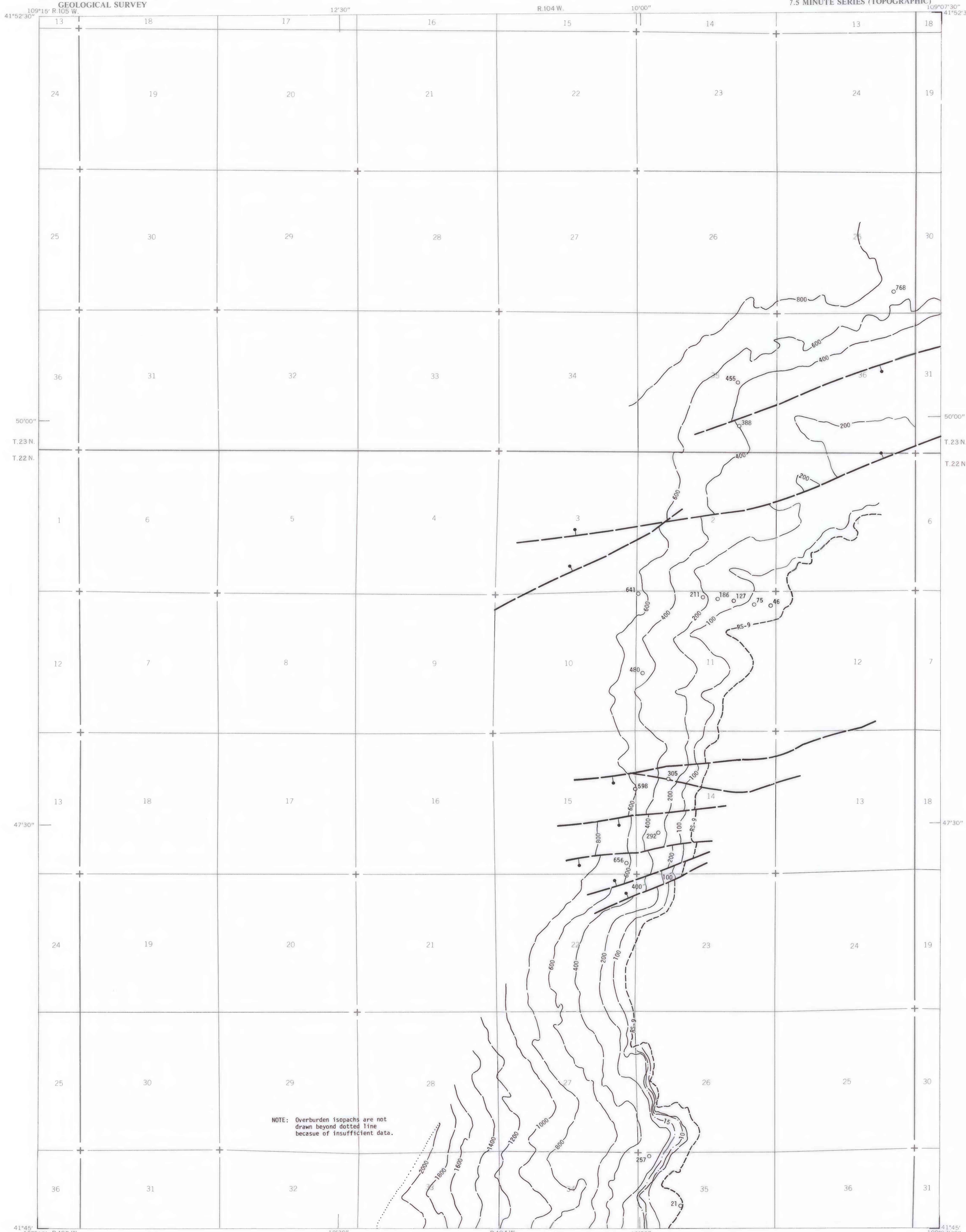


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOUTHWEST BOARS TUSK QUADRANGLE
WYOMING-SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

— 400 —
OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strip-pable coal and 200 feet (61 m) beyond the stripping-limit line.

○ 211
DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

— 15 —
MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

RS-9 - Rock Springs No. 9
COAL BED SYMBOL AND NAME

-----RS-9-----
TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where inferred by present authors.

—|—
TRACE OF FAULT - Bar and ball on down-thrown side when direction of movement is known. Dashed where inferred or approximately located.

To convert feet to meters, multiply feet by 0.3048.

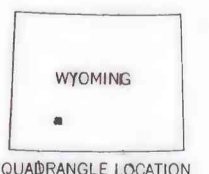
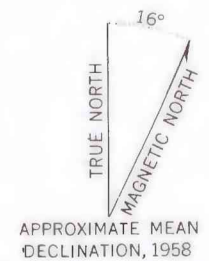
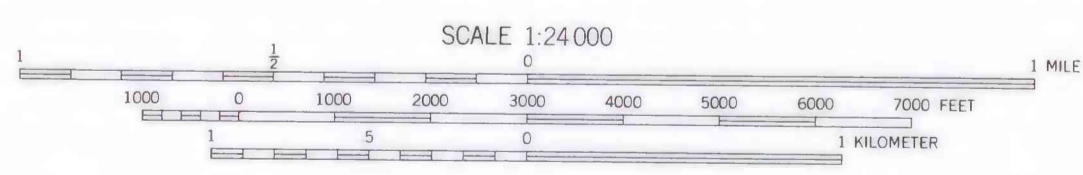
41°52'30" 109°15' R.105 W. 12°30" R.104 W. 10°00" 109°07'30" 41°52'30"

50°00" T.23 N. 50°00" T.22 N. 47°30" 47°30" 24 19 20 21 22 23 24 19 25 30 29 28 27 26 30 12 7 8 9 10 11 12 7 13 18 17 16 15 14 13 18 24 19 20 21 22 23 24 19 25 30 29 28 27 26 30 36 31 32 35 36 31

41°45' 109°15' R.105 W. 12°30" R.104 W. 10°00" 109°07'30" 41°45' 109°07'30"

Base from U.S. Geological Survey, 1958

Compiled in 1979



COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE BOARS TUSK 15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY
DAMES & MOORE
1979

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

PLATE 9
OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE ROCK SPRINGS NO. 9 COAL BED