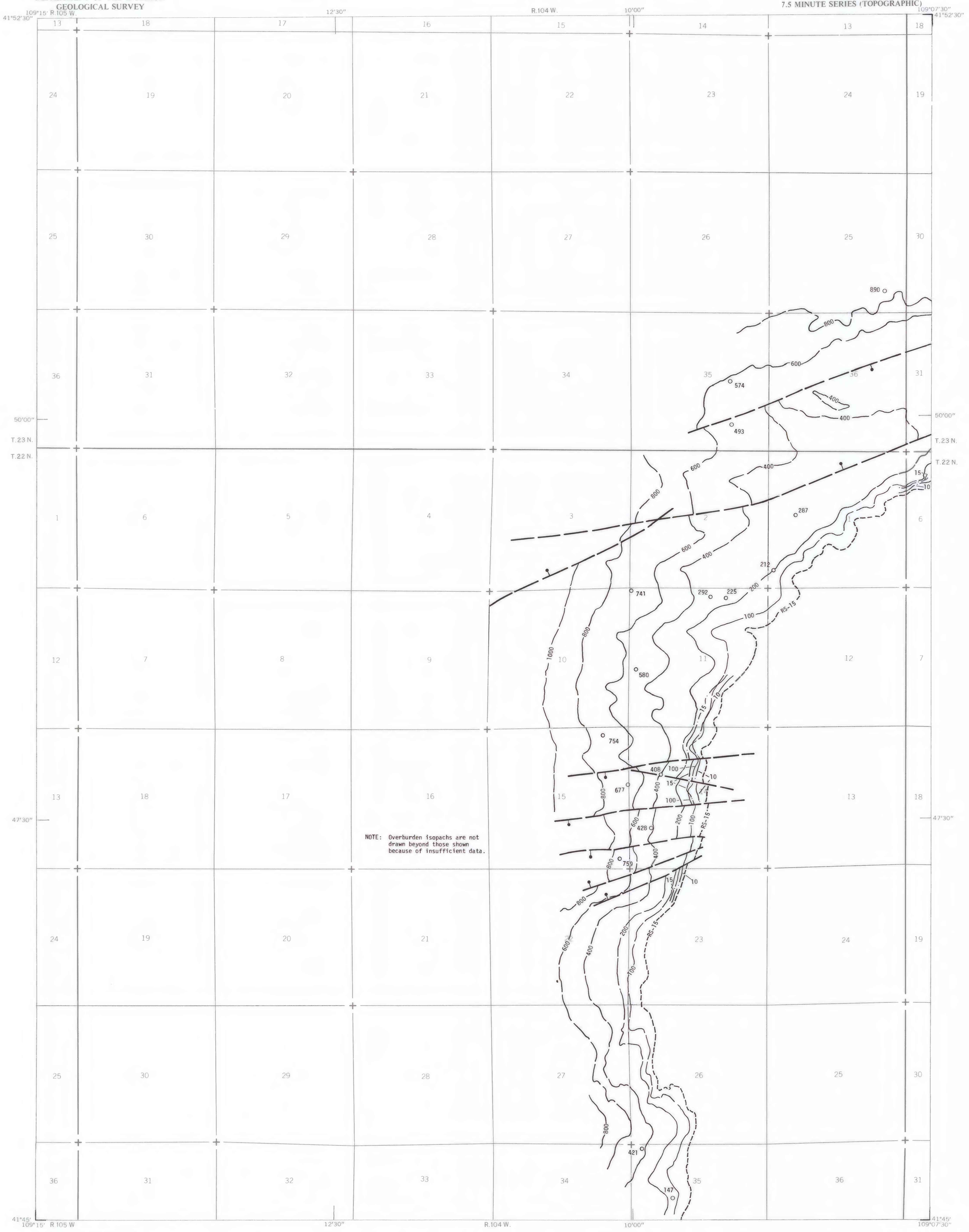
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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



NOTE: Overburden isopachs are not drawn beyond those shown because of insufficient data.

Base from U.S. Geological Survey, 1958

Compiled in 1979

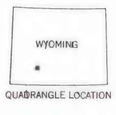
SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1958



QUADRANGLE LOCATION

EXPLANATION

400

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

677

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

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-15 - Rock Springs No. 15

COAL ZONE SYMBOL AND NAME

RS-15

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

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

To convert feet to meters, multiply feet by 0.3048.

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

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

BY
DAMES & MOORE
1979

PLATE 7

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE ROCK SPRINGS NO 15 COAL ZONE