UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RELIANCE QUADRANGLE
WYOMING—SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 ROCK SPRINGS 15' QUADRANGLE

4167 IV SE (CLAY BUTTES SE)

4167 I (BOARS TUSK) 1:62 500

109° 15′ — 12′30″ — 10′ — 109° 07′ 30″
41° 45′

T. 21 N.
T. 20 N.

42′30″

40′

T. 20 N.
T. 19 N.

41° 37′ 30″

4167 III NE (PILOT BUTTE)

(NORTH BAXTER) 4167 II NE

(KANDA) 4167 III SE

(BAXTER) 4167 II SE

NOTE: Overburden isopachs and mining ratio contours are not drawn beyond dotted line because of insufficient data.

Base from U.S. Geological Survey, 1968

Compiled in 1979

R. 105 W. R. 104 W. (ROCK SPRINGS) 4167 II NE

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN
1°12′ 21 MILS
15½° 276 MILS

WYOMING
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE RELIANCE QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY
DAMES & MOORE
1979

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EXPLANATION

——— ——— 200 ——— ———

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 is 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

○ 125

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

——— · ——— 10 ——— · ———

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.

A1-A - A bed of the Almond
RS-5U - Rock Springs Upper No. 5

COAL BED SYMBOLS AND NAMES

——————— A1-A ———————

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

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.

PLATE 29

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE ROCK SPRINGS UPPER NO. 5 AND THE ALMOND A COAL BEDS