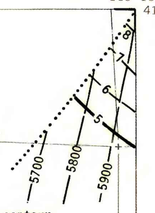
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KANDA QUADRANGLE
WYOMING—SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4167 III NW (SCOTT SPRING)
4167 III NE (PILOT BUTTE)
4167 II (ROCK SPRINGS 1:62 500)
4167 III SW (GREEN RIVER)
4167 IV (FIREHOLE BASIN 1:62 500)

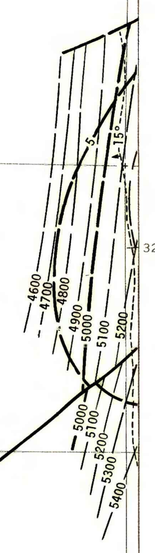
109°22'30" 20' 17'30" 109°15'
41°37'30" 35' 32'30" 41°30'

T. 19 N.
T. 18 N.



NOTE: Isopachs and structure contours are not drawn beyond dotted line because of insufficient data.

Isopach and structure contour map of the FU-1 coal bed



NOTE: Structure contours are not drawn beyond those shown because of insufficient data.

Isopach and structure contour map of the RS-7 coal bed

R. 106 W. R. 105 W.

Base from U.S. Geological Survey, 1961

Compiled in 1978/1979

SCALE 1:24 000

1 MILE
1000 FEET
1 KILOMETER

UTM GRID AND 1961 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING
QUADRANGLE LOCATION

EXPLANATION

5
6

ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred. Isopach interval 1 foot.

5000
5100

STRUCTURE CONTOURS - Drawn on top of coal bed. Long dashed where vertical accuracy possibly not within 40 feet. Contour interval is 100 feet (31 m). Datum is mean sea level.

FU-1 - Fort Union No. 1
RS-7 - Rock Springs No. 7

COAL BED SYMBOLS AND NAMES

15°

SUBSURFACE MINING LIMIT - Showing areas where dips of coal beds are greater than 15° and subsurface mining by conventional methods is not considered feasible. Reserve Base tonnages are calculated beyond limit; Reserve tonnages are not. Arrow points toward area where dips are greater than 15°.

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 KANDA QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY
DAMES & MOORE
1979

OPEN FILE REPORT 79-146

PLATE 4 OF 15

PLATE 4

ISOPACH AND STRUCTURE CONTOUR MAPS OF THE ROCK SPRINGS NO. 7 AND THE FORT UNION NO. 1 COAL BEDS