

EXPLANATION

— 25 —
— 20 —

ISOPACHS OF COAL BED—Showing thickness in feet, interval 5 feet.

— 5 UF —
— 25 LF —
— 20 LF —

ISOPACHS OF SPLIT COAL BED—Solid line indicates upper bed. Dashed line indicates lower bed.

● 6UF ○ 24LF ○ 22LF ○ 24LF
● 24LF ○ 22LF ○ 24LF

DRILL HOLE—Showing coal thickness in feet.

6.8
↑ F

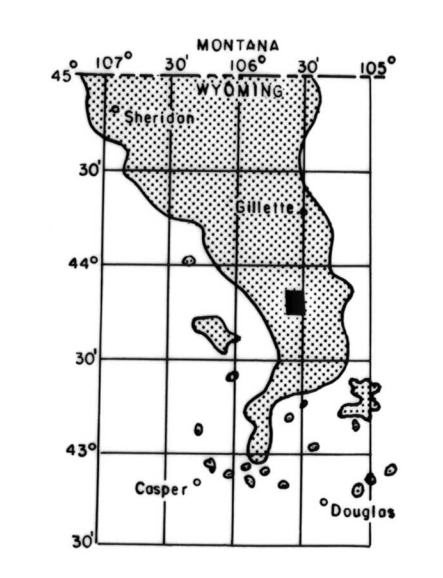
TRACE OF COAL BED OUTCROP—Showing coal thickness in feet, measured at triangle. Arrow points toward the coal-bearing area. "ny" symbol indicates baked rock with dotted line showing limit of burning. Coal bed dashed where inferred.

— 5 —

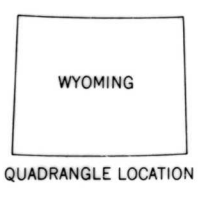
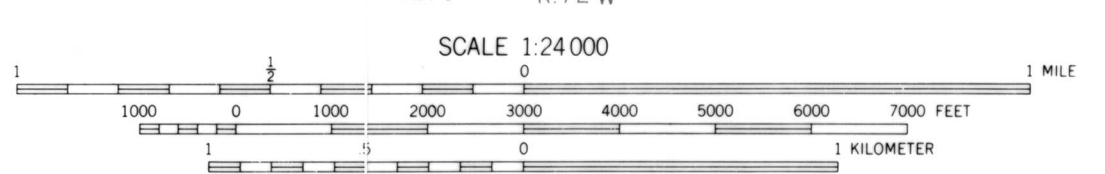
MINING RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in area suitable for surface mining within the stripping limit.

To convert feet to meters multiply feet by 0.3048.

This outcrop mapping is derived and enlarged from a 1:126,720 scale publication from Wegemann and others (1928, p. 1-14). Numerous irregularities in outcrop elevations and the areal geology-topographic map relationship emphasize that this map presents a generalized configuration of the coal bed outcrop. Horizontal accuracy of outcrop location is estimated at ± 1000 feet (305 m).



MAP SHOWING LOCATION OF THE SE¼ NORTH STAR SCHOOL 15' QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING



COAL RESOURCE OCCURRENCE MAP OF THE SE¼ NORTH STAR SCHOOL 15' QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY
IntraSearch
1979

PLATE 4A
ISOPACH AND MINING RATIO
MAP OF
FELIX COAL BEDS

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