UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECLUSE QUADRANGLE
WYOMING—CAMPBELL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-025
PLATE 8 OF 44

4873 IV SE (ERVOIR CREEK)
4873 I SW (HOMESTEAD DRAW SW)
4873 I SE (WHITE TAIL BUTTE)
4873 III NE (SPOTTED HORSE)
4873 II NE (PITCH DRAW)
4873 III SE (TRUMAN DRAW)
4873 II SW (WILDCAT)
4873 II SE (CALF CREEK)

105°45′ 42′30″ 40′ 105°37′30″ 44°45′ 44°37′30″

T. 55 N.
T. 54 N.

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

PREFERENCE RIGHT LEASE APPLICATION-PRLA

SL — STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrow indicates area suitable for surface mining. Recovery factor of 95% within that area.

RB	R(95%)	
0.95	0.90	(Measured)
7.11	6.75	(Indicated)
1.02	0.97	(Inferred)

IDENTIFIED RESOURCES OF COAL BED. In millions of short tons. Dash indicates no resources in that category. Reserve Base (RB) x the recovery factor (95%) = Reserves (R).

US — TRACE OF COAL BED OUTCROP-Arrow points toward the coal-bearing area. "V" symbol indicates burned rock with dotted line showing limit of burning. Coal bed dashed where inferred.

D — FAULT-D indicates downthrown side.

To convert short tons to metric tons, multiply short tons by 0.9072.

5' ISOPACH CONTOUR

PRLA W 8312

Base from U.S. Geological Survey, 1971

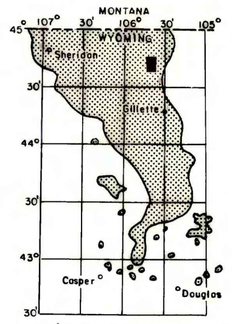
Compiled in 1978

SCALE 1:24 000

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

GN MN 0°29′ 9 MILS 14½° 258 MILS
UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING
QUADRANGLE LOCATION



MAP SHOWING LOCATION OF THE RECLUSE QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

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

COAL RESOURCE OCCURRENCE MAP OF THE RECLUSE QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY

IntraSearch

1978

PLATE 8
IDENTIFIED RESOURCES OF
UPPER AND LOWER SMITH COAL BEDS