UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OPEN FILE REPORT 79-030
PLATE 23 OF 75

4873 III NE (SPOTTED HORSE) · 4873 II NW (RECLUSE) · 4873 II NE (PITCH DRAW) · 4873 III SE (TRUMAN DRAW) · 4873 II SE (CALF CREEK) · 4872 IV NE (TWENTYMILE BUTTE) · 4872 I NE (RAWHIDE SCHOOL) · 4872 I NW (ORIVA NW)

105°45′ · 42′30″ · 40′ · 105°37′30″ · 44°37′30″ · 44°30′ · 35′ · 32′30″

T. 54 N. · T. 53 N. · T. 52 N.

R. 74 W. · R. 73 W.

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

COAL LEASE-Coal Lse.

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%)	
2.63	2.50	(Measured)
11.12	10.56	(Indicated)
0.13	0.12	(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 baked rock with dotted line showing limit of burning. Coal bed dashed where inferred.

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

Coal Lse W 0220516

Base from U.S. Geological Survey, 1971

Compiled in 1979

SCALE 1:24000

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

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

MONTANA · WYOMING · Sheridan · Gillette · Casper · Douglas

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

WYOMING — QUADRANGLE LOCATION

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

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

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PLATE 23
IDENTIFIED RESOURCES OF
UPPER SMITH COAL BED