UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ROCKY BUTTE SW QUADRANGLE
WYOMING—CAMPBELL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-022
PLATE 13 OF 24

105°30′ 27′30″ 25′ 105°22′30″
44°52′30″ 44°47′30″ 44°45′

4873 I NE (HOMESTEAD DRAW) · 4873 IV NW (ROCKY BUTTE) · 4873 IV NE (NIPPLE BUTTE)
4873 I SE (WHITE TAIL BUTTE) · 4873 IV SE (TUTTLE DRAW)
(PITCH DRAW) 4873 II NE · (OLIVER DRAW) 4973 III NW · (WESTON) 4973 III NE

KRCRA

Coal Pr Per W12210

Coal Pr Per W12213

RB R(95%)
13.48 12.81 · 2.04 1.94 / 5.34 5.08 / 2.81 2.69 · 0.66 0.63 / 4.10 3.90 · 1.87 1.78 / 2.63 2.50 · 4.37 · 0.43 / 7.04 / 0.75 · 0.93 · 2.92 2.77 · 5.30 / 5.13 · 0.69 / 5.95 / 3.98 · 0.46 0.44 / 1.39 1.32 · 1.27 1.21 · 0.36 0.34 / 0.98 0.93 · 0.64 / 2.98 · 0.35 0.33 / 5.14 4.88 · 2.86 2.71 · 1.13 / 0.50 · 5.92 5.62 · 1.97 · 0.97 · 1.32 / 0.95 · 3.32 3.15 · 3.08 2.92 / 14.33 13.62 · 0.75 0.71 / 13.96 13.27 / 2.44 2.32 · 1.36 1.29 · 4.01 3.81 · 1.76 1.68 · 0.44 0.42 / 3.33 3.16 / 0.82 0.78 · 1.77 1.69 / 10.69 10.15 / 3.91 3.72 · 3.22 3.06 / 13.59 12.91 / 3.57 3.39 · 0.95 0.90 / 4.42 4.20 · 1.79 1.70 / 3.47 3.30 · 3.68 3.50 / 1.62 1.54 · 0.52 0.49 / 2.65 2.52 / 5.61 5.33 · 0.93 0.89 / 5.32 5.06 · 0.54 0.52 / 8.82 8.38 / 1.75 1.66 · 2.80 2.66 / 1.91 1.81 · 4.32 4.11 / 3.73 3.54 · 4.62 4.39 / 15.11 14.36 · 4.45 4.23 / 12.71 12.01 · 0.96 · 2.60 2.47 / 9.04 8.59 / 1.40 1.33 · 0.55 0.52 / 2.58 2.45 · 4.59 4.36 / 3.71 3.52 · 1.54 1.46 / 13.10 12.44 / 1.10 1.04 · 1.07 1.01 / 5.43 5.16 / 1.88 1.79 · 0.52 0.49 · 3.30 2.53 2.41

Base from U.S. Geological Survey, 1972

Compiled in 1978

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETRE

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°18′ 5 MILS 14½° 258 MILS

WYOMING
QUADRANGLE LOCATION

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

COAL PROSPECTING PERMIT-Coal Pr. Per.

KRCRA
KNOWN RECOVERABLE COAL RESOURCE AREA-KRCRA

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.

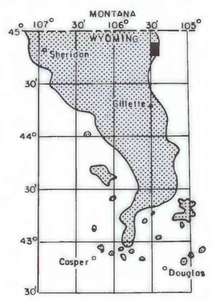
	RB	R(95%)
(Measured)	0.52	.49
(Indicated)	2.65	2.52
(Inferred)	5.61	5.33

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).

P
TRACE OF COAL BED OUTCROP-Arrow points toward the coal-bearing area. "V" symbol indicates burned rock with dotted line showing limit of burning.

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

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



MAP SHOWING LOCATION OF THE ROCKY BUTTE SW QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED) WYOMING

COAL RESOURCE OCCURRENCE MAP OF THE ROCKY BUTTE SW QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY

IntraSearch

1978

PLATE 13
IDENTIFIED RESOURCES
OF PAWNEE COAL BED