UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OPEN FILE REPORT 79-062
PLATE 8 OF 19

105°22'30" 20' R. 71 W. R. 70 W. 17'30" 105°15'
44°00' 57'30"

4972 III SW (THE GAP SW) · 4972 III SE (KICKEN CREEK) · 4972 II SW (WHITETAIL CREEK)

Coal Lse W 8385 · Coal Lse W 8385 · Coal Lse W 8385 · KRCRA

UWy · 5 · 5 FOOT ISOPACH CONTOUR

RB R(95%)
0.35 0.33
0.32 0.30

RB R(95%)
0.02 0.02
0.17 0.16

RB R(95%)
— —
1.11 1.06

RB R(95%)
0.04 0.04
2.06 1.96
0.77 0.73

RB R(95%)
0.22 0.21
5.06 4.81
1.21 1.16

RB R(95%)
— —
1.53 1.46

RB R(95%)
0.20 0.19
6.14 5.83

RB R(95%)
1.90 1.81
12.91 12.26
3.52 3.34

RB R(95%)
1.49 1.42
11.46 10.88
7.67 7.28

RB R(95%)
2.38 2.26
0.37 0.35

RB R(95%)
3.65 3.47
14.24 13.53

RB R(95%)
— —
0.01 0.01

RB R(95%)
0.27 0.26
0.87 0.83

RB R(95%)
2.84 2.71
3.43 3.26

RB R(95%)
2.61 2.48
11.19 10.63

RB R(95%)
0.02 0.01
4.06 3.86
1.03 0.97

RB R(95%)
0.59 0.56
0.36 0.34

RB R(95%)
— —
4.47 4.25

RB R(95%)
— —
9.69 9.21

RB R(95%)
— —
1.22 1.15

RB R(95%)
1.95 1.85
3.91 3.71

RB R(95%)
0.07 0.07
5.87 5.58
2.51 2.38

RB R(95%)
3.97 3.77
7.47 7.10

RB R(95%)
— —
7.34 6.97

RB R(95%)
— —
2.03 1.93

RB R(95%)
2.51 2.38
3.14 2.98

RB R(95%)
0.88 0.84
6.55 6.22
2.54 2.42

Coal Lse W 3446

T. 46 N. 55' · T. 45 N.

4971 IV NW (EAGLE ROCK) · 4971 I NW (ROUGH CREEK)

43°52'30" 105°22'30" 20' R. 71 W. R. 70 W. (HILIGHT) 4971 IV SE 17'30" 105°15' 43°52'30"

(RENO JUNCTION) 4971 IV SW · (OPEN A RANCH) 4971 I SW

Base from U.S. Geological Survey, 1972

Compiled in 1979

SCALE 1:24 000

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

GN MN 0°13' 4 MILS 14° 249 MILS

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING
QUADRANGLE LOCATION

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

COAL LEASE-Coal Lse.

KRCRA

KNOWN RECOVERABLE COAL RESOURCE AREA-KRCRA

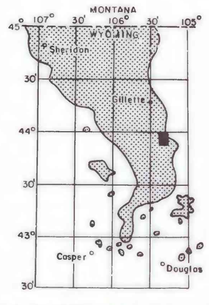
RB	R(95%)	
0.22	0.21	(Measured)
5.06	4.81	(Indicated)
1.21	1.16	(Inferred)

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).

UWy

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.

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



MAP SHOWING LOCATION OF THE NEIL BUTTE 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 NEIL BUTTE QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY

IntraSearch

1979

PLATE 8
IDENTIFIED RESOURCES OF
UPPER WYODAK COAL BED