UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOMERVILLE FLATS EAST QUADRANGLE
WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-173
PLATE 33 OF 55

4772 I NW (MITCHELL DRAW) · 4772 I NE (LIVINGSTON DRAW) · 4872 IV NW (ECHETA)

106°07'30" · 5' · 2'30" · 106°00' · 44°22'30" · 44°15' · 17'30" · 20'

T. 51 N. · T. 50 N. · T. 49 N.

PRLA W59464 · PRLA W4995 · PRLA W2276 · PRLA W59461 · PRLA W1599 · PRLA W1598 · PRLA W59444 · PRLA 59463 · PRLA W56845 · PRLA W2275 · PRLA W58485

5 FOOT ISOPACH

4772 I SW (SOMERVILLE FLATS WEST) · 4872 II SW (CARR DRAW) · (JUNIPER DRAW) 4772 IV NW · (LÄSKIE DRAW) 4772 IV NE

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

PRLA

PREFERENCE RIGHT LEASE APPLICATION-PRLA. Coal tonnages not evaluated.

RB — (Measured)
— (Indicated)
3.79 (Inferred)
Hyp. 1.63 (Hypothetical)

IDENTIFIED AND HYPOTHETICAL RESOURCES OF COAL BED--In millions of short tons. Dash indicates no resources in that category. (RB) indicates Reserve Base.

Reserves are not calculated for coal beds greater than 500 feet in depth.

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

Base from U.S. Geological Survey, 1972

Compiled in 1980

SCALE 1:24000

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

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN · MN · 0°45' 13 MILS · 14½° 258 MILS

WYOMING
QUADRANGLE LOCATION

MONTANA · WYOMING · Sheridan · Gillette · Casper · Douglas · 45° · 44° · 43° · 107° 30' · 106° 30' · 105°

MAP SHOWING LOCATION OF THE SOMERVILLE FLATS EAST 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 SOMERVILLE FLATS EAST QUADRANGLE, JOHNSON AND CAMPBELL COUNTIES, WYOMING

BY

IntraSearch

1980

PLATE 33
IDENTIFIED AND HYPOTHETICAL RESOURCES OF COOK COAL BED