UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOMERVILLE FLATS EAST QUADRANGLE
WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-173
PLATE 55 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"

T. 51 N. · T. 50 N. · 20' · 17'30" · T. 50 N. · T. 49 N. · 44°15'

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

PRLA W59464 · PRLA W4995 · PRLA W2276 · PRLA W59461 · PRLA WI599 · PRLA WI598 · PRLA W59444 · PRLA 59463 · PRLA W56845 · PRLA W2275 · PRLA W58485

EXPLANATION

NON-FEDERAL COAL LAND-Coal development ponential is not rated.

PRLA

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

AREA OF HIGH COAL DEVELOPMENT POTENTIAL FOR IN-SITU GASIFICATION-Total coal bed thickness from 1000 to 3000 feet (305 to 914 m) beneath the surface is greater than 200 feet (61 m).

AREA OF MODERATE COAL DEVELOPMENT POTENTIAL FOR IN-SITU GASIFICATION-Total coal bed thickness from 1000 to 3000 feet (305 to 914 m) beneath the surface is from 100 to 200 feet (30 to 61 m).

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

GN · MN · 0°45' / 13 MILS · 14½° / 258 MILS

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING

QUADRANGLE LOCATION

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

COAL DEVELOPMENT POTENTIAL MAP OF THE SOMERVILLE FLATS EAST QUADRANGLE, JOHNSON AND CAMPBELL COUNTIES, WYOMING

BY

IntraSearch

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PLATE 55
COAL DEVELOPMENT POTENTIAL FOR IN-SITU GASIFICATION