UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUNIPER DRAW QUADRANGLE
WYOMING—JOHNSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-174
PLATE 4 OF 40

4772 IV SE (BEAR DRAW) | 4772 I SE (SOMERVILLE FLATS EAST)

106°15′ | 12′30″ | 4772 I SW (SOMERVILLE FLATS WEST) | R. 78 W. | R. 77 W. | 10′ | 106°07′30″ | 44°15′

12′30″

4772 III NE (PLIOCESSERS DRAW) | (LASKIE DRAW) 4772 II NE

T. 49 N.
T. 48 N.

10′

(COYER RESERVOIR) 4772 III SE | (BOWMAN FLAT) 4772 II SW | (NEGRO BUTTE) 4772 II SE

44°07′30″ | 106°15′ | 12′30″ | R. 78 W. | R. 77 W. | 10′ | 106°07′30″ | 44°07′30″

Mining ratio greater than 90:1

Mining ratio greater than 90:1

PINCHOUT LINE OF FELIX COAL BED

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°50′ / 15 MILS
14½° / 268 MILS

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING
QUADRANGLE LOCATION

EXPLANATION

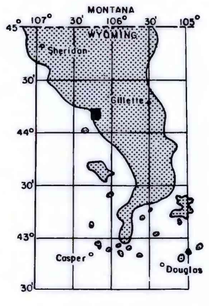
4 — DRILL HOLE-Showing coal thickness in feet.

5 — ISOPACHS OF COAL BED-Showing thickness in feet, isopach interval 5 feet.

75 — MINING RATIO CONTOUR-Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in area suitable for surface mining within the stripping limit.

SL — STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrows point toward area suitable for surface mining.

To convert feet to meters, multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE JUNIPER DRAW 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 JUNIPER DRAW QUADRANGLE, JOHNSON COUNTY, WYOMING

BY

IntraSearch

1980

PLATE 4
ISOPACH AND MINING RATIO MAP OF FELIX COAL BED

JUNIPER DRAW Q
FELIX ISOPACH
4

L. 160