UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FAWN DRAW QUADRANGLE
WYOMING—SHERIDAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-164
PLATE 23 OF 59

(BOX ELDER DRAW) 4773 IV NE

(CABIN CREEK NE) 4773 I NE

106°15′ 12′30″ R. 78 W. R. 77 W. 4773 I NW (CABIN CREEK NW) 10′ 106°07′30″

44°52′30″ 50′ 47′30″ 44°45′

T. 57 N. T. 56 N. T. 55 N.

(GARDNER DRAW) 4773 IV SE

(CABIN CREEK SE) 4773 I SE

(LEITER) 4773 III NE

(ARVADA) 4773 II NW

(ARVADA NE) 4773 II NE

Base from U.S. Geological Survey, 1971

Compiled in 1980

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

W 961 Coal Lse.

COAL LEASE-Coal Lse. Coal tonnages not evaluated.

RB R(95%)
— —
— —
10.54 10.01
Hyp. 2.61

(Measured)
(Indicated)
(Inferred)
(Hypothetical)

IDENTIFIED AND HYPOTHETICAL 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).

5 FOOT ISOPACH

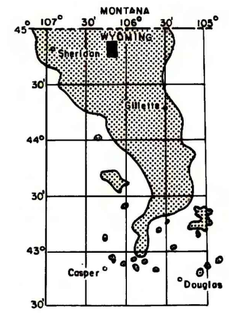
TRACE OF COAL BED OUTCROP-Arrow points toward the coal-bearing area. Coal bed dashed where inferred or projected.

SL

STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrows point toward area suitable for surface mining. Recovery factor of 95% within that area.

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.



MAP SHOWING LOCATION OF THE FAWN DRAW QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

SCALE 1:24000

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

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°50′ 15 MILS 15° 267 MILS

WYOMING
QUADRANGLE LOCATION

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

COAL RESOURCE OCCURRENCE MAP OF THE FAWN DRAW QUADRANGLE, SHERIDAN COUNTY, WYOMING

BY

IntraSearch

1980

PLATE 23
IDENTIFIED AND HYPOTHETICAL RESOURCES OF ANDERSON COAL BED