UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOUR BAR J RANCH QUADRANGLE
WYOMING—CAMPBELL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-046
PLATE 13 OF 55

105°45′ 42′50″ R. 74 W. (ORIVA) R. 73 W. 40′ 105°37′30″
44°15′ 12′30″ T. 49 N. T. 48 N. 10′ 44°07′30″

Coal lse W 0256663

(SCOTT DAM) 4872 I SE (GILLETTE WEST) (APPEL BUTTE) (DOUBLE TANK) 4872 II SE (SCAPER RESERVOIR) 4872 II SE

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

COAL LEASE-Coal Lse.

RB	R(95%)	
—	—	(Measured)
—	—	(Indicated)
7.63	7.25	(Inferred)
Hyp 1.44	—	(Hypothetical)

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).

SL — STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrow indicates area suitable for surface mining. Recovery factor of 95% within that area.

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

MONTANA
WYOMING
Sheridan
Gillette
Casper
Douglas

MAP SHOWING LOCATION OF THE FOUR BAR J RANCH QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

Base from U.S. Geological Survey, 1971

Compiled in 1979

SCALE 1:24000

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

GN MN 0°29′ 9 MILS 14½° 258 MILS
UTM GRID AND 1971 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 RESOURCE OCCURRENCE MAP OF THE FOUR BAR J RANCH QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY
IntraSearch
1979

PLATE 13
IDENTIFIED AND HYPOTHETICAL RESOURCES OF FELIX COAL BED