UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Base from U.S. Geological Survey, 1971

Compiled in 1979

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

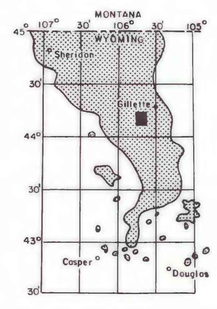
COAL LEASE-Coal Lse.

RB	R(95%)	
—	—	(Measured)
—	—	(Indicated)
6.29	5.98	(Inferred)

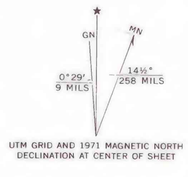
IDENTIFIED RESOURCES OF COAL BED-In millions of short tons. Dash indicates no resources in that category. Reserve Base (RB) x the recovery factor (95%) = Reserves (R).

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.



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



UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE — 7000 FEET — 1 KILOMETER

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 18
IDENTIFIED RESOURCES OF
SMITH COAL BED