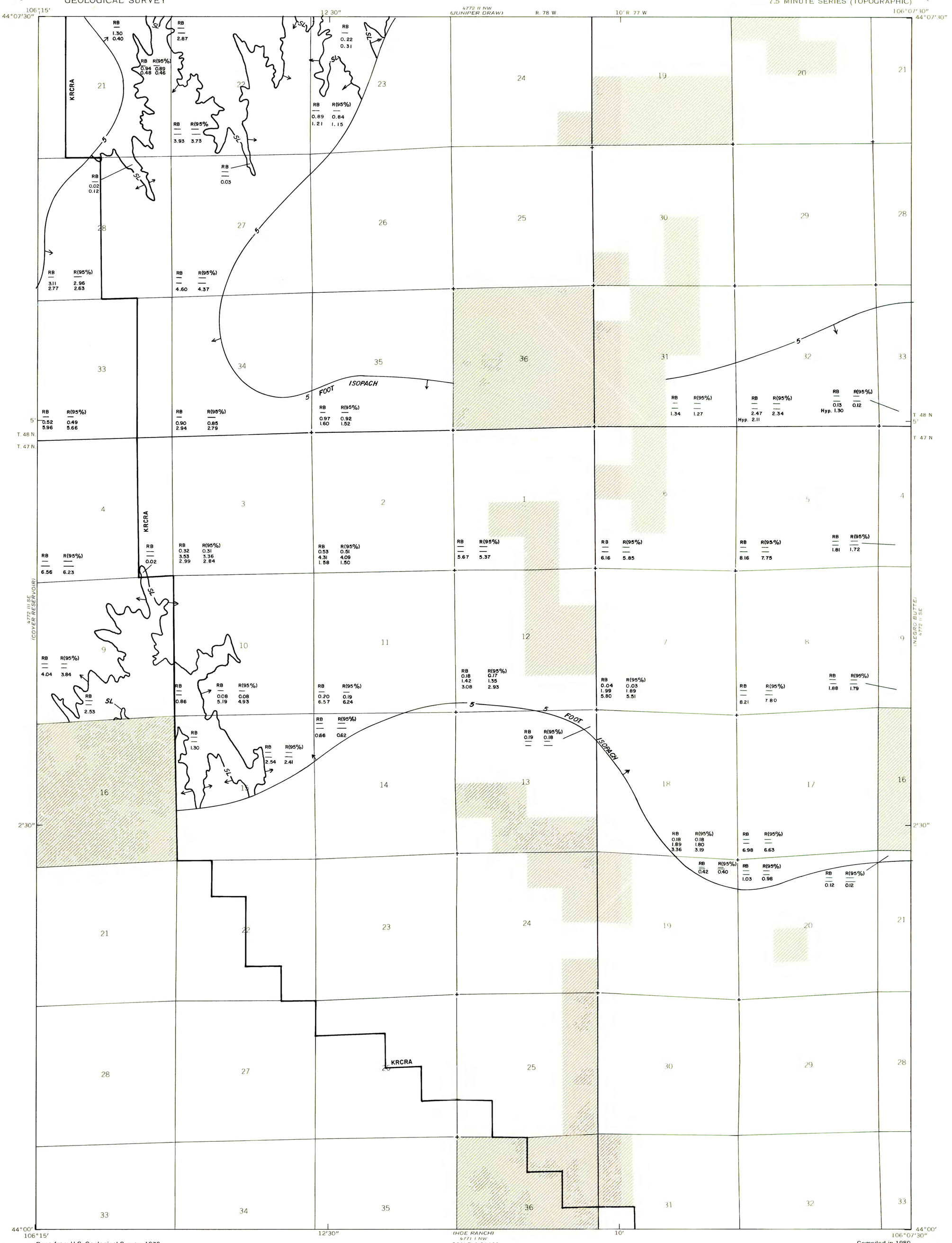
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BOWMAN FLAT QUADRANGLE
WYOMING-JOHNSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-176
PLATE 8 OF 40



Base from U.S. Geological Survey, 1972

Compiled in 1980

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

KRCRA

KNOWN RECOVERABLE COAL RESOURCE AREA-KRCRA

RB	R(95%)	
—	—	(Measured)
—	—	(Indicated)
2.47	2.34	(Inferred)
Hyp. 2.11		(Hypothetical)

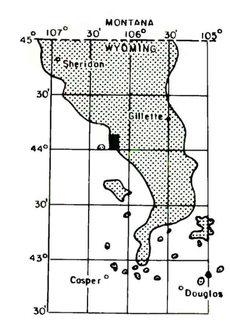
IDENTIFIED RESOURCES OF COAL BED-In millions of short tons. Dash indicates no resources in that category. Reserve Base (RB) x the recovery factor (95%) = Reserves (R).

SL

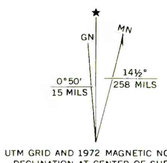
STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrows point toward area suitable for surface mining. Recovery factor of 95% within that area.

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.



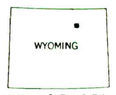
MAP SHOWING LOCATION OF THE BOWMAN FLAT QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING



UTM GRID AND 1972 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 BOWMAN FLAT QUADRANGLE, JOHNSON COUNTY, WYOMING

BY

IntraSearch

1979

PLATE 8
IDENTIFIED AND HYPOTHETICAL RESOURCES OF FELIX COAL BED