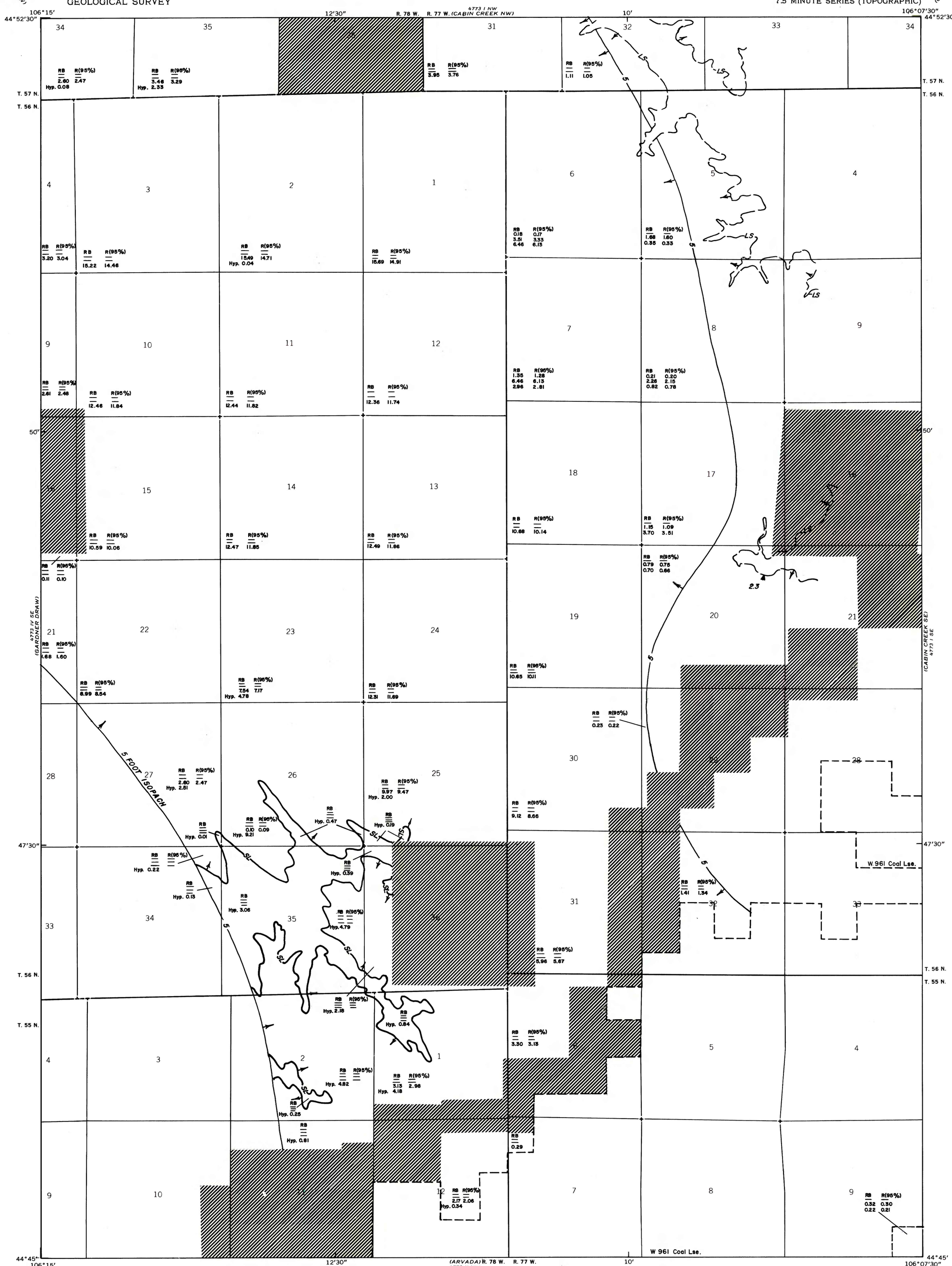
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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






Base from U.S. Geological Survey, 1971

Compiled in 1980

## EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

W961 Coal Lse.

COAL LEASE-Coal Lse. Coal tonnages not evaluated.

RB R(95%)
— — (Measured)
— — (Indicated)
9.97 9.47 (Inferred)
Hyp. 2.00 (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).

LS

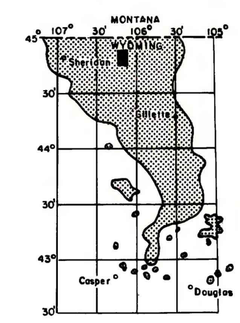
TRACE OF COAL BED OUTCROP-Arrow points toward the coal-bearing area. Coal bed dashed where inferred or projected.

SL

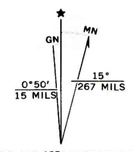
STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrows point toward area suitable for surface mining. Recovery factor of 95% within that area.

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



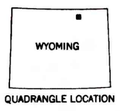

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 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 FAWN DRAW QUADRANGLE, SHERIDAN COUNTY, WYOMING

BY

IntraSearch

1980

PLATE 18
IDENTIFIED AND HYPOTHETICAL RESOURCES OF LOWER SMITH COAL BED