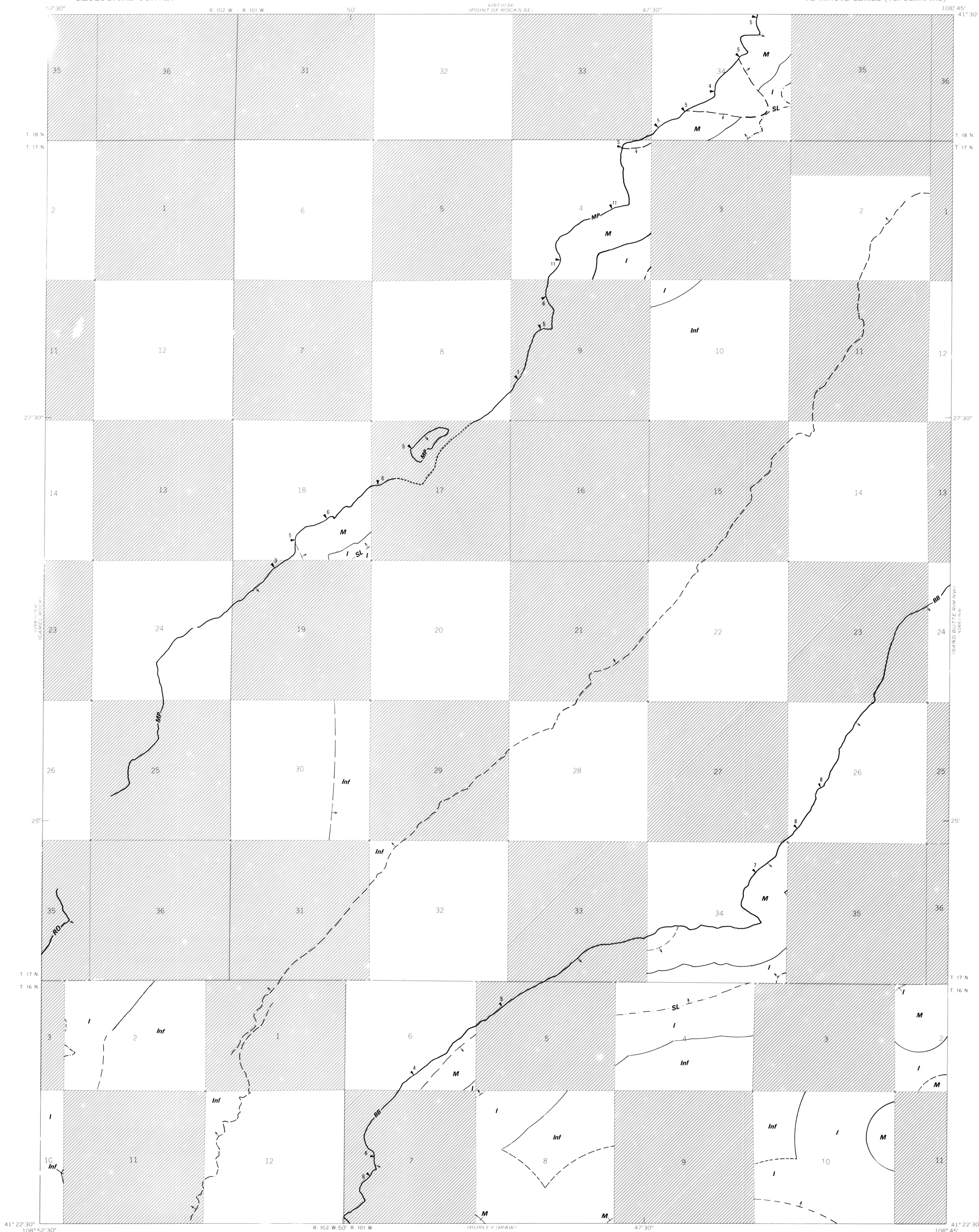

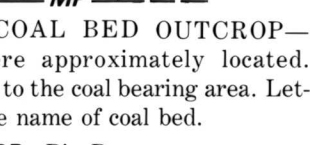


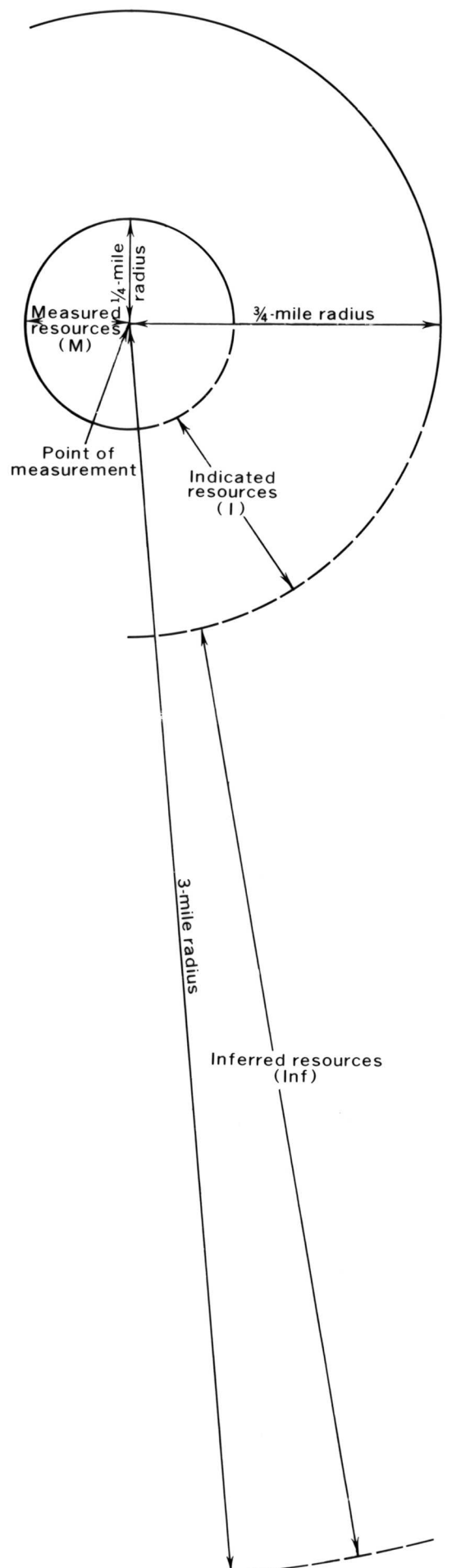
OPEN FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

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PLATE 19 OF 25



EXPLANATION

-  NON-FEDERAL COAL LAND—Land for which the Federal Government does not own coal rights.
 -  TRACE OF COAL BED OUTCROP—Dashed where approximately located. Arrow points to the coal bearing area. Letters designate name of coal bed.
 - BB**—Big Burn
 - RO**—Robin
 - MP**—Magpie
- COAL BED SYMBOLS AND NAMES



BOUNDARY LINES—Enclosing areas of measured, indicated, and inferred coal resources of the Big Burn (BB), Robin (RO), and Magpie (MP) coal beds. Dashed where projected from adjacent quadrangles.

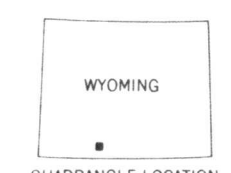
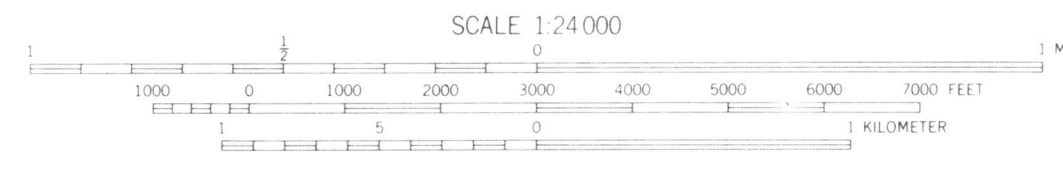
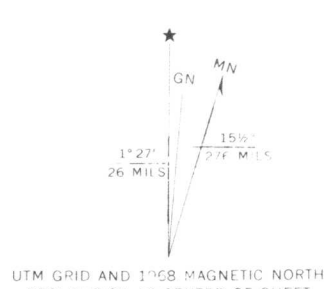
RESERVE BASE BOUNDARY—Long dashed for the 5-foot coal isopach; short dashed for the 1000-foot overburden isopach. Arrows point toward the area with thicker coal.

STRIPPING-LIMIT LINE—Boundary for surface mining of the Big Burn (BB), Robin (RO), and Magpie (MP) coal beds (in this quadrangle, the 200-foot overburden isopach. Arrows point toward the area suitable for surface mining, with a recovery factor of 85 percent. A recovery factor of 50 percent applies to the area suitable for subsurface mining (200 to 1,000 feet of overburden).

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1968

Compiled in 1977



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF
THE COOPER RIDGE NE QUADRANGLE, SWEETWATER COUNTY, WYOMING
BY
WALTER DANILCHIK
1978

PLATE 19
AREAL DISTRIBUTION OF
IDENTIFIED COAL RESOURCES
OF THE BIG BURN, ROBIN,
AND MAGPIE COAL BEDS