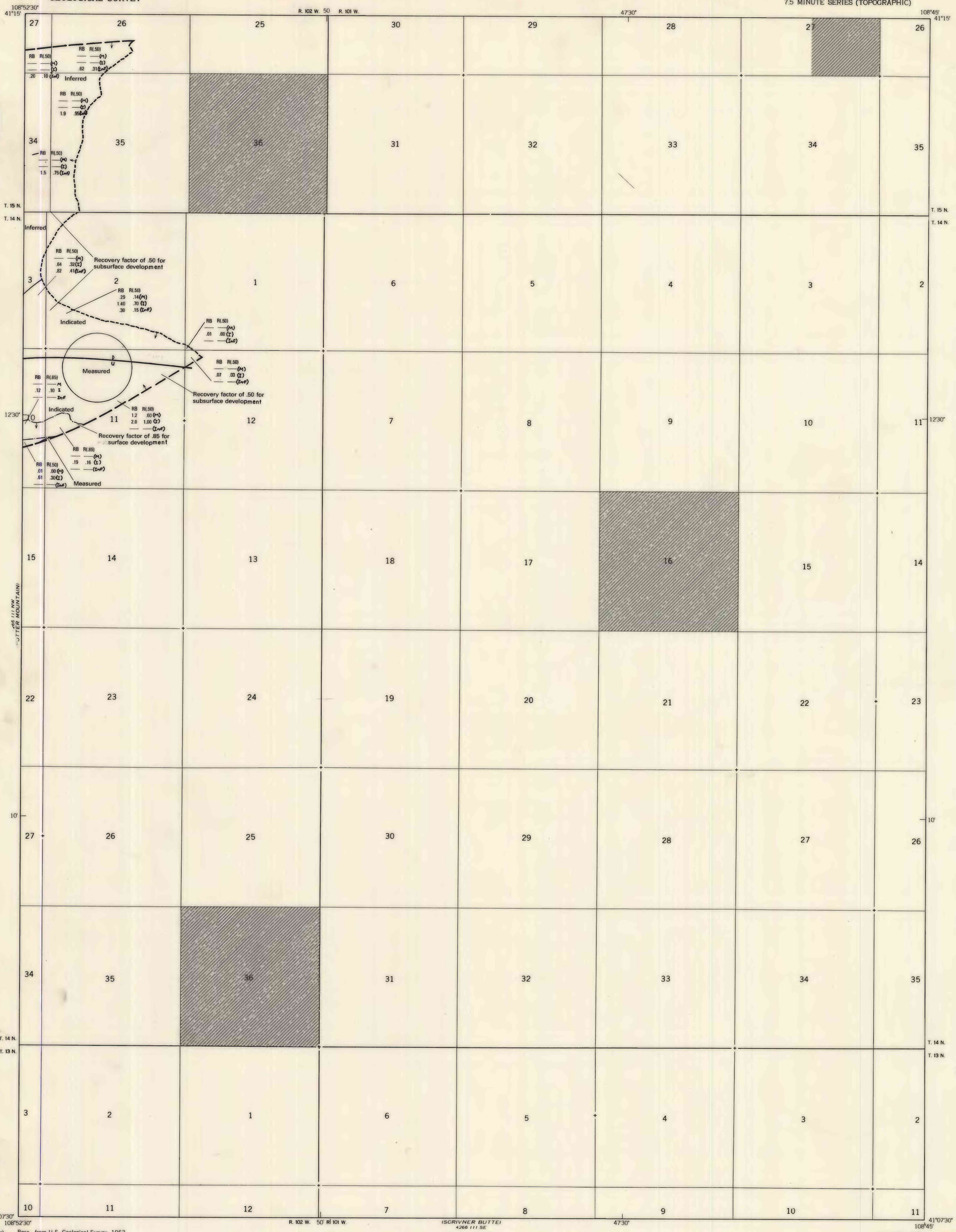
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ERICKSON-KENT RANCH QUADRANGLE
WYOMING-SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1963

Compiled in 1977

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETRE

To convert to kilometers; multiply miles by 1.609.

UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

GN MN 1°26' 24 MILS 15½° 276 MILS

WYOMING

QUADRANGLE LOCATION

OPEN FILE REPORT

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

OPEN FILE REPORT 78-035
PLATE 12 OF 14

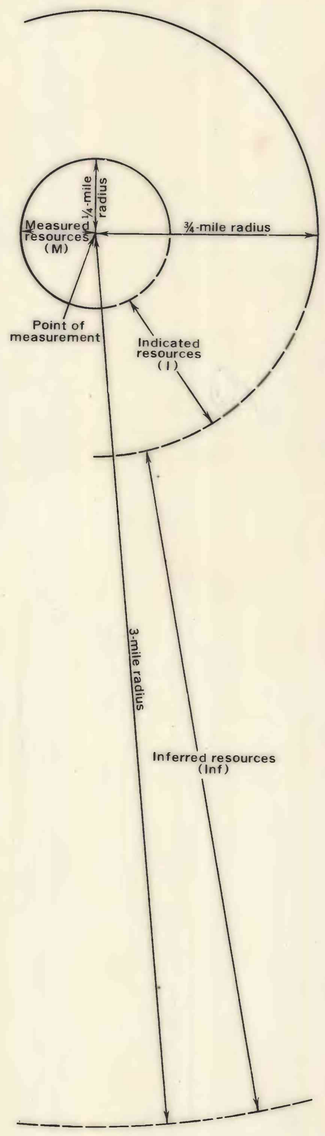
EXPLANATION

NON-FEDERAL COAL LAND—Land for which the Federal Government does not own the coal rights.

FAULT

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 Lower Gull (LG) coal bed (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).



BOUNDARY LINES—Enclosing areas of measured, indicated, and inferred coal resources of the Upper Gull (UG) coal bed. Dashed where projected from adjacent quadrangles. Areas of inferred resources may be present on this map without their outer boundaries being shown.

IDENTIFIED RESOURCES OF THE UPPER GULL (UG) COAL BED—Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of federal coal land. Dash indicates no resources in that category. Reserve Base (RB) x recovery factor (0.85 for surface mining or 0.50 for subsurface mining)=Reserves (R). To convert short tons to metric tons, multiply short tons by 0.9072.

To convert to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE ERICKSON-KENT RANCH QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY
H. W. ROEHLER
1978

PLATE 12
AREAL DISTRIBUTION AND IDENTIFIED RESOURCES OF THE LOWER GULL COAL BED