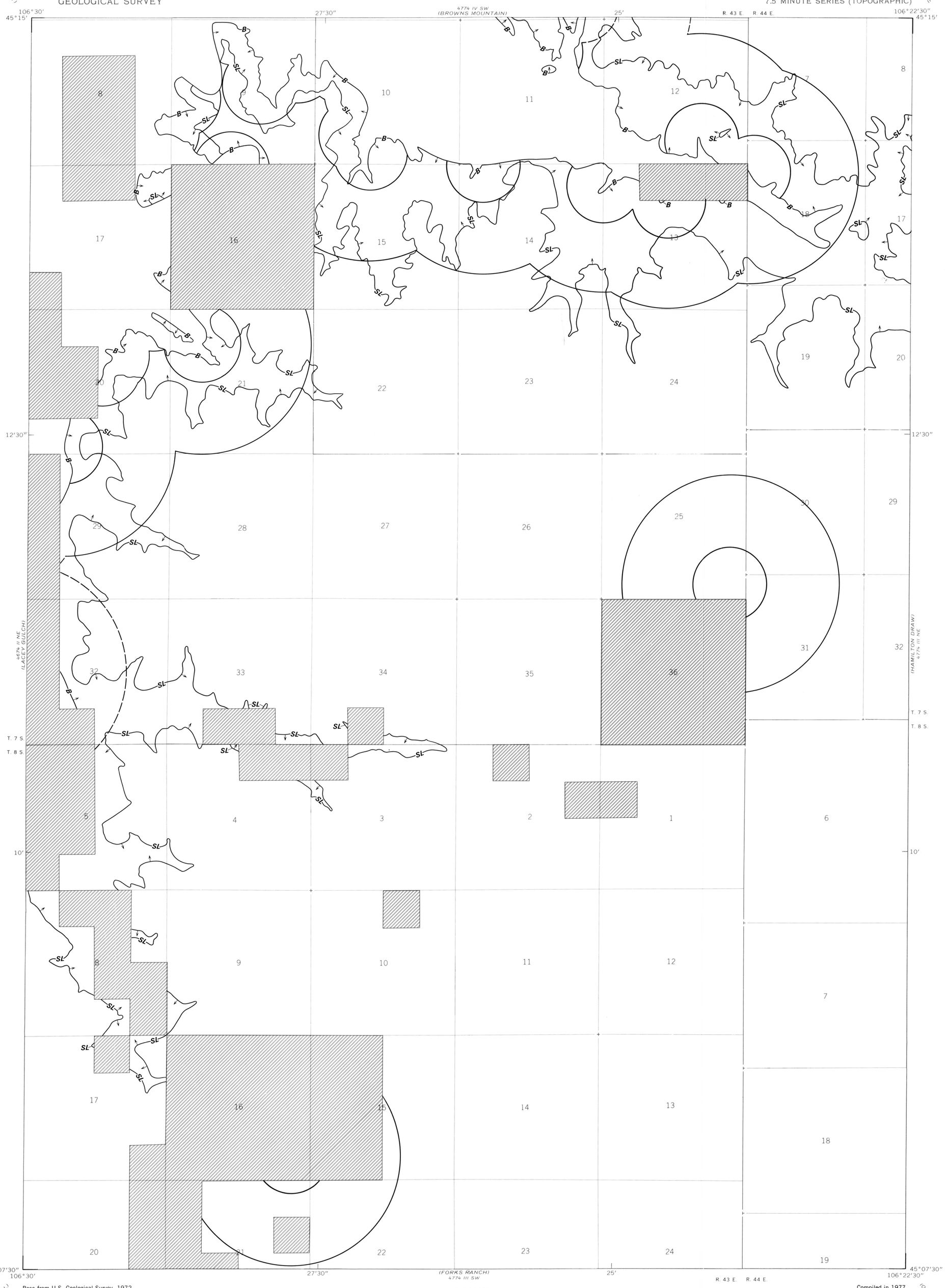
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STROUD CREEK QUADRANGLE
MONTANA
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1972

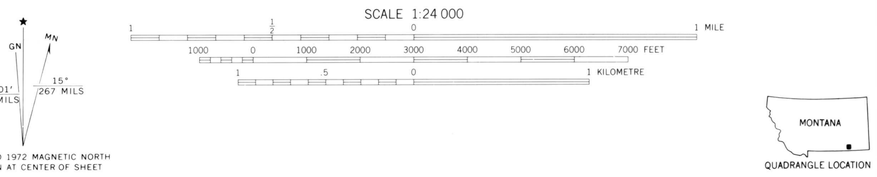
Compiled in 1977

SCALE 1:24 000

1 MILE — 7000 FEET — 1 KILOMETRE

GN — MN — 1°01' 18 MILS — 15° 267 MILS

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



QUADRANGLE LOCATION

OPEN-FILE REPORT

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

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PLATE 27 OF 54

EXPLANATION

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

STRIPPING-LIMIT LINE--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining.

BOUNDARY OF RESERVE BASE COAL--Drawn along the outcrop of coal bed or the contact between burned and unburned coal where the coal bed is 5 feet (1.5 m) or more thick, and the 5-foot coal isopach. Arrows point toward area of Reserve Base coal.

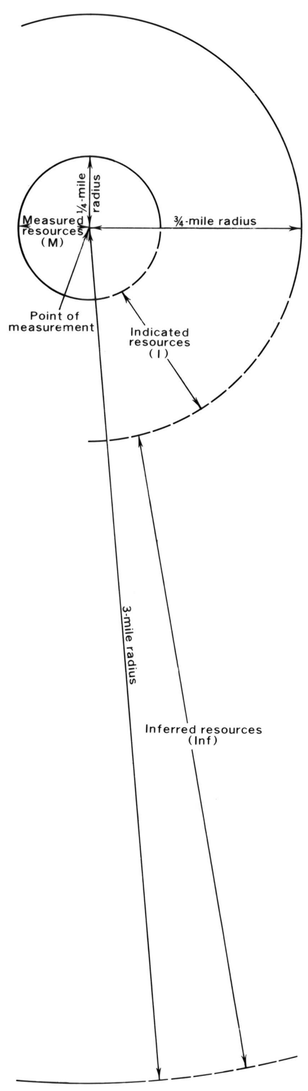

DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES--Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of inferred resources may be present on this map without their outer boundaries being shown.

To convert miles to kilometers, multiply miles by 1.6.

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE STROUD CREEK QUADRANGLE, ROSEBUD AND BIG HORN COUNTIES, MONTANA

BY
W. J. MAPEL, B. K. MARTIN, AND B. A. BUTLER

1978

PLATE 27
AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE COOK COAL BED