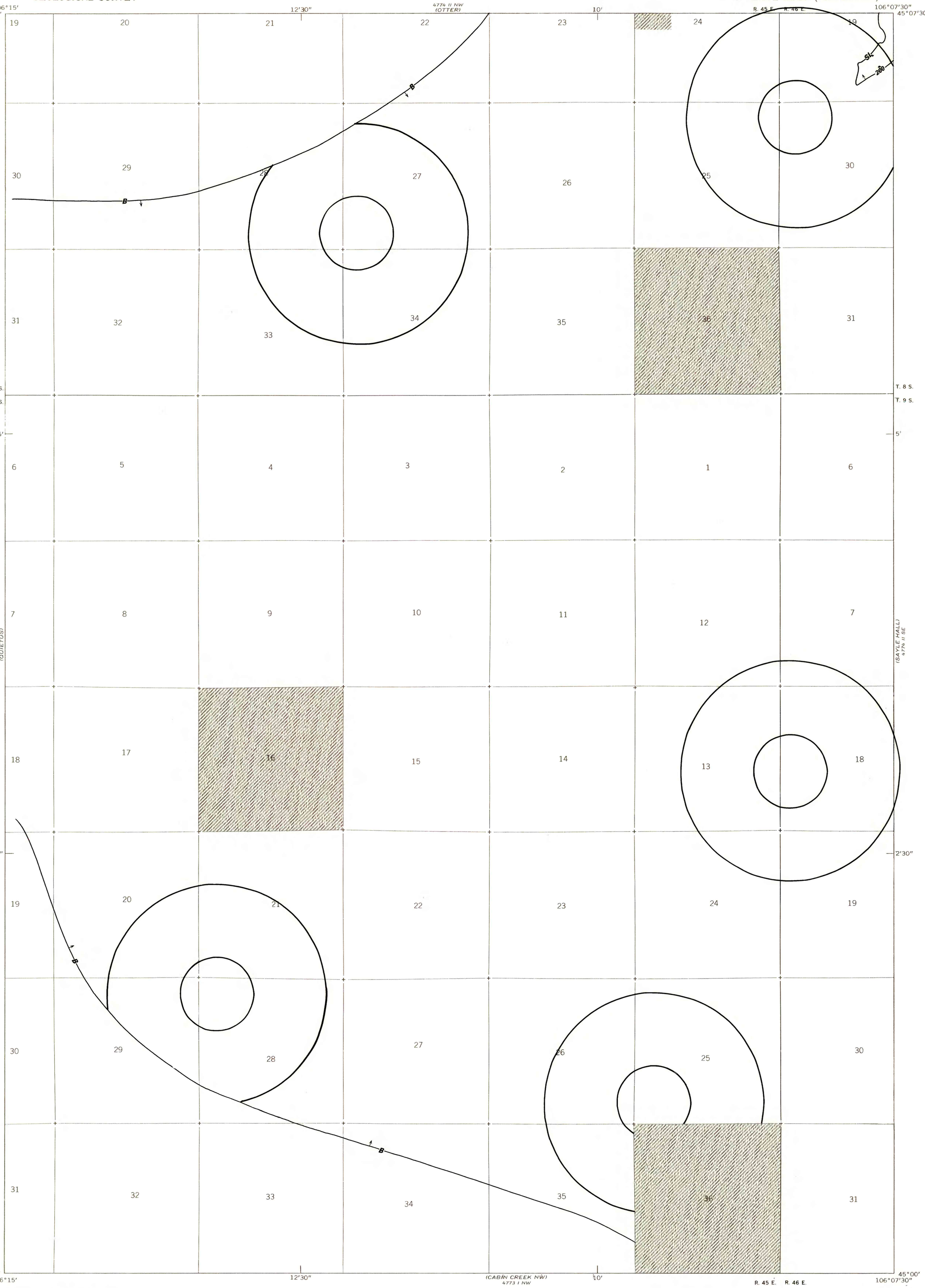
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BEAR CREEK SCHOOL QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4774 III NE (HAMILTON DRAW)
4774 II NW (OTTER)
4774 II NE (REANUS CONE)
4774 III SE (QUIETUS)
4774 II SE (SAYLE HALL)
4773 IV NE (BOX ELDER DRAW)
4773 I NW (CABIN CREEK NW)
4773 I NE (CABIN CREEK NE)

106°15′ — 12′30″ — 10′ — 106°07′30″
45°07′30″ — 45°00′

R. 45 E. R. 46 E.
T. 8 S.
T. 9 S.



Base from U.S. Geological Survey, 1969
Compiled in 1977

SCALE 1:24000
1 MILE
1000 FEET
1 KILOMETRE

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°50′ 15 MILS 15° 267 MILS

MONTANA
QUADRANGLE LOCATION

OPEN FILE REPORT 79–106
PLATE 47 OF 59

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

EXPLANATION

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

B — BOUNDARY OF RESERVE BASE COAL--Drawn along the 5-foot (1.5-m) coal isopach. Arrows point toward area of Reserve Base coal.

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

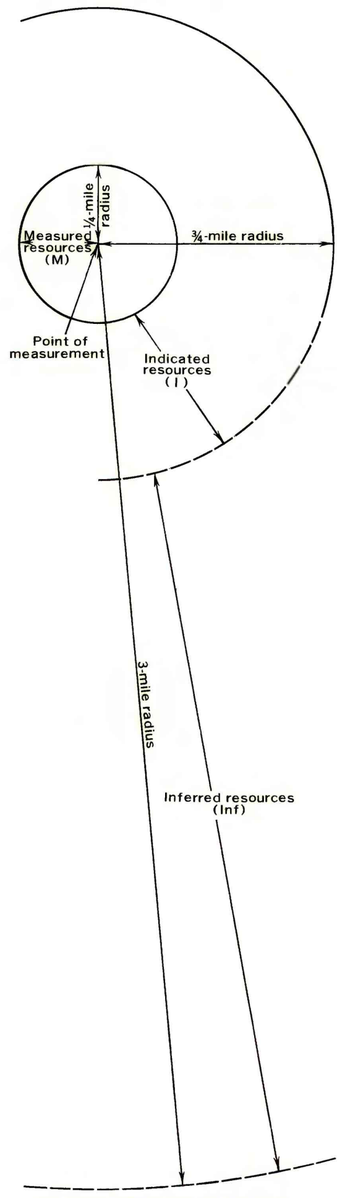


DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES--Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of inferred resources may be present on this map without their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

To convert miles to kilometers, multiply miles by 1.6.

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE BEAR CREEK SCHOOL QUADRANGLE, POWDER RIVER COUNTY, MONTANA

By
E. J. McKay, B. A. BUTLER, AND L. N. ROBINSON

1979

PLATE 47
AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE OTTER COAL BED