UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BOX ELDER CREEK QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-081
PLATE 15 OF 16

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.

BOUNDARY OF COAL 5 FEET OR MORE THICK—Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick.

POINT OF MEASUREMENT ON COAL BED

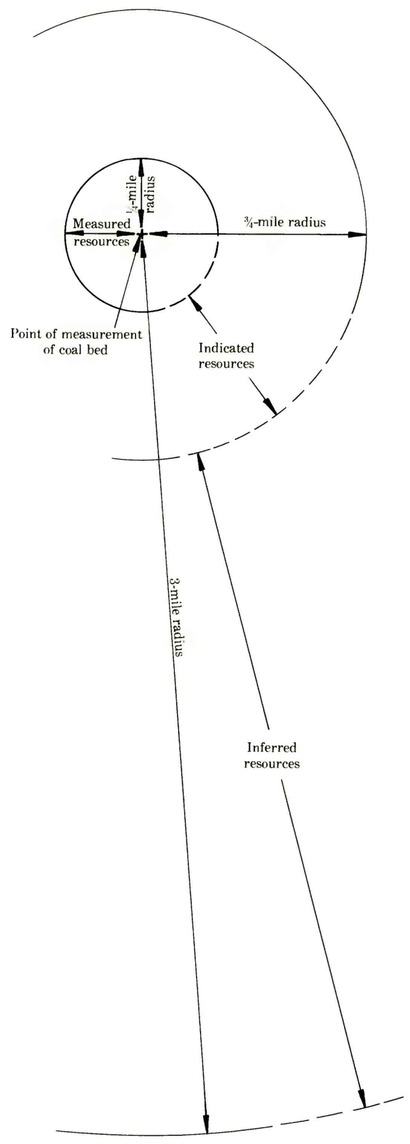

DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES—Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of measured, indicated, or inferred resources may be present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

RB
— (Measured resources)
— (Indicated resources)
11.04 (Inferred resources)

IDENTIFIED COAL RESOURCES—Showing totals for Reserve Base (RB), in millions of short tons, for each section or part(s) of a section of Federal coal land outside the stripping-limit line. Dash indicates no resources in that category.

NOTE: Recovery factors have not been established for underground development of coal in this quadrangle. Therefore, Reserves (R) were not calculated for the coal bed in areas outside the stripping-limit line.

NOTE: No stripping-limit line is shown because there is more than 200 feet of overburden above the coal that is 5 feet (1.5 m) or more thick.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert miles to kilometers, multiply miles by 1.61.

To convert feet to meters, multiply feet by 0.3048.

Base map from U.S. Geological Survey, 1973

Compiled in 1977

SCALE 1:24 000

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE BOX ELDER CREEK QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

PLATE 15

AREAL DISTRIBUTION AND TONNAGE MAP OF IDENTIFIED RESOURCES OF THE BROADUS COAL BED