UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MUD SPRINGS RANCH QUADRANGLE
WYOMING–SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4166 NE (LION BLUFFS)

4266 IV NW (CAMEL ROCK)

4266 IV NE (COOPER RIDGE NE)

4166 SE (SOUTH BAXTER)

4266 IV SW (BURLEY DRAW)

4266 IV SE

4266 III NW (POTTER MOUNTAIN)

4266 III NE (ERICKSON KENT RANCH)

109° 00′ — 41° 22′ 30″ — 57′ 30″ — R. 103 W. — R. 102 W. — 55′ — 108° 52′ 30″ — 41° 15′ — 20′ — 17′ 30″ — T. 16 N. — T. 15 N.

Base from U.S. Geological Survey, 1968
Compiled in 1977

SCALE 1:24 000

1 MILE
1000 FEET
1 KILOMETER

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

GN — MN — 15½° — 276 MILS — 1°22′ — 24 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.

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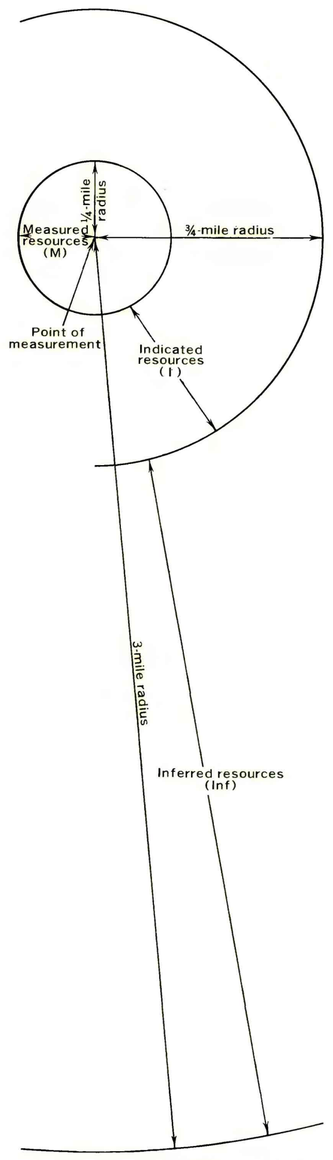
PLATE 32 OF 35

EXPLANATION

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

FI

TRACE OF OUTCROP OF THE FINCH (FI) COAL BED — Dotted where concealed. Arrow points to the coal bearing area.



BOUNDARY LINES — Enclosing areas of measured, indicated, and inferred coal resources of the coal bed.

SL

STRIPPING-LIMIT LINE — Boundary for surface mining of the Finch (FI) 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 1000 feet of overburden).

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

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE MUD SPRINGS RANCH QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY
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1978

PLATE 32
AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE FINCH COAL BED