UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

4266 IV NW (CAMEL ROCK)

4266 IV NE (COOPER RIDGE NE)

4266 IV SE (BLACK BUTTE SE)

4266 III SE (SOUTH BAXTER)

4266 IV SW (BURLEY DRAW)

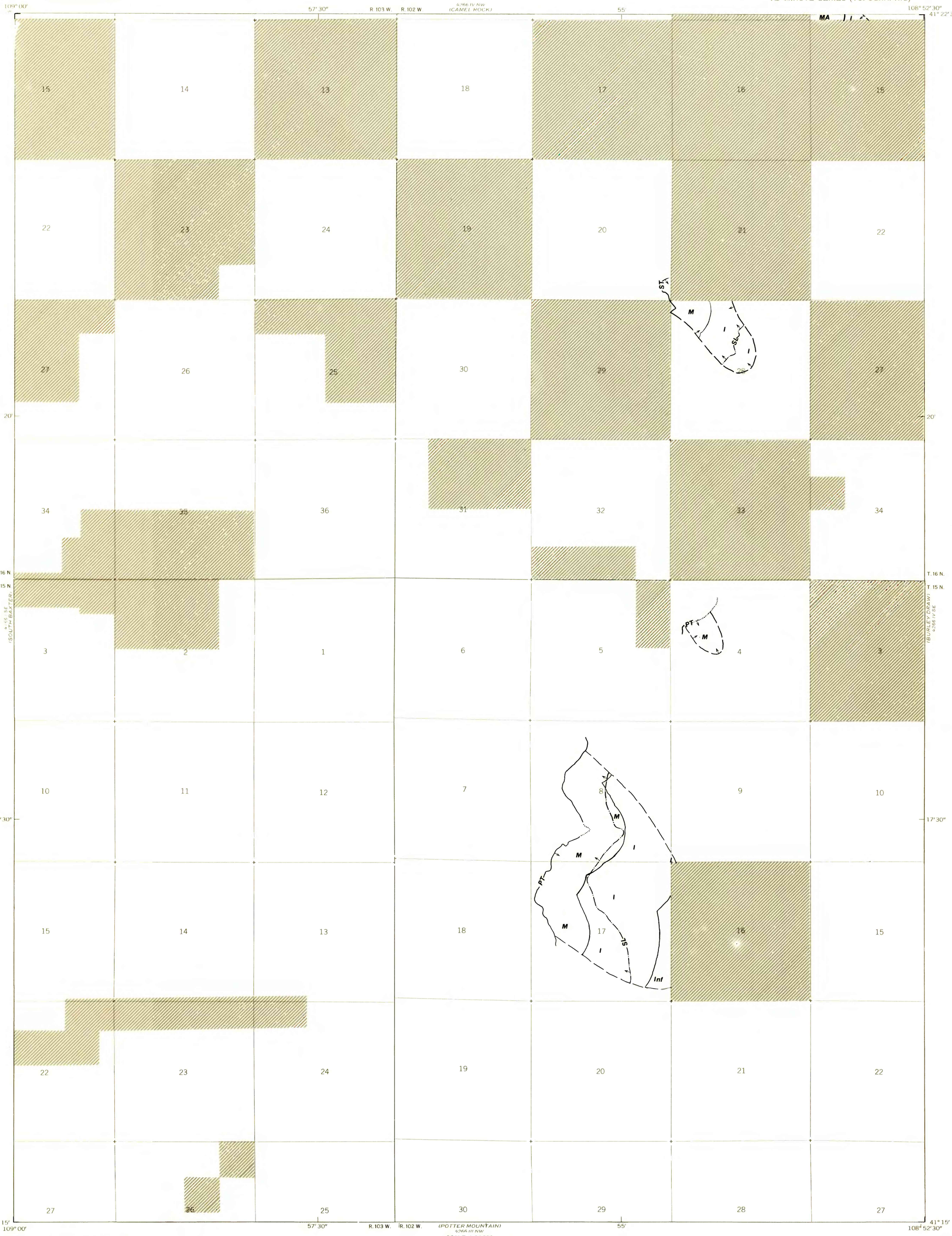
4266 III NW (POTTER MOUNTAIN)

4266 III NE (ERICKSON KENT RANCH)

109° 00′ — 57′ 30″ — R. 103 W. — R. 102 W. — 55′ — 108° 52′ 30″ — 41° 22′ 30″

41° 15′ — 17′ 30″ — 20′

T. 16 N. — T. 15 N.



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 17 OF 35

EXPLANATION

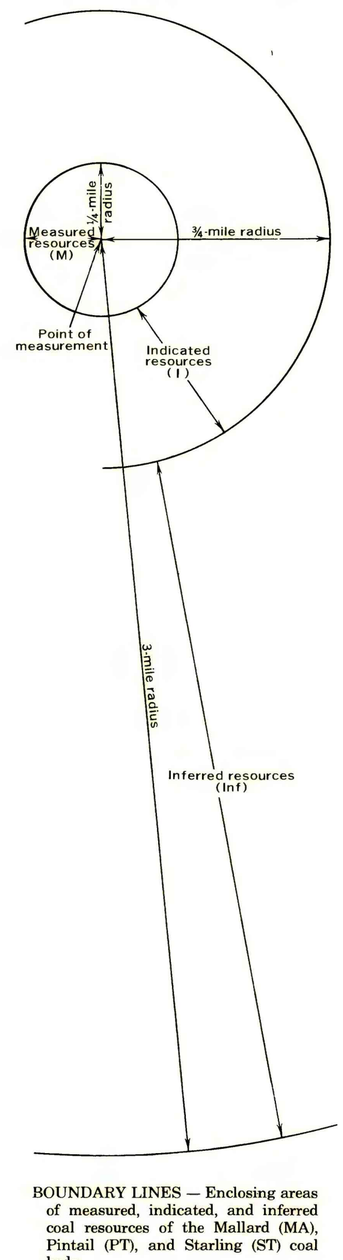
NON-FEDERAL COAL LAND — Land for which the Federal Government does not own the coal rights.

PT

TRACE OF COAL BED OUTCROP — Dotted where concealed. Arrow points to the coal bearing area. Letters designate name of coal bed.

MA —Mallard
PT —Pintail
ST —Starling

COAL BED SYMBOLS AND NAMES



BOUNDARY LINES — Enclosing areas of measured, indicated, and inferred coal resources of the Mallard (MA), Pintail (PT), and Starling (ST) coal beds.

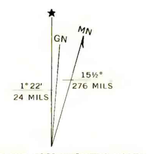
RESERVE BASE BOUNDARY — Long dashed for the 5-foot coal isopach. Arrows point toward the area with thicker coal.

SL

STRIPPING-LIMIT LINE — Boundary for surface mining of the Pintail (PT), and Starling (ST) 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).

To convert feet to meters, multiply feet by 0.3048.

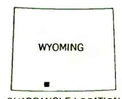
Base from U.S. Geological Survey, 1968
Compiled in 1977



UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE
7000 FEET
1 KILOMETER



QUADRANGLE LOCATION

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

BY
JOSEPH D. SANCHEZ

1978

PLATE 17

AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE MALLARD, PINTAIL, AND STARLING COAL BEDS