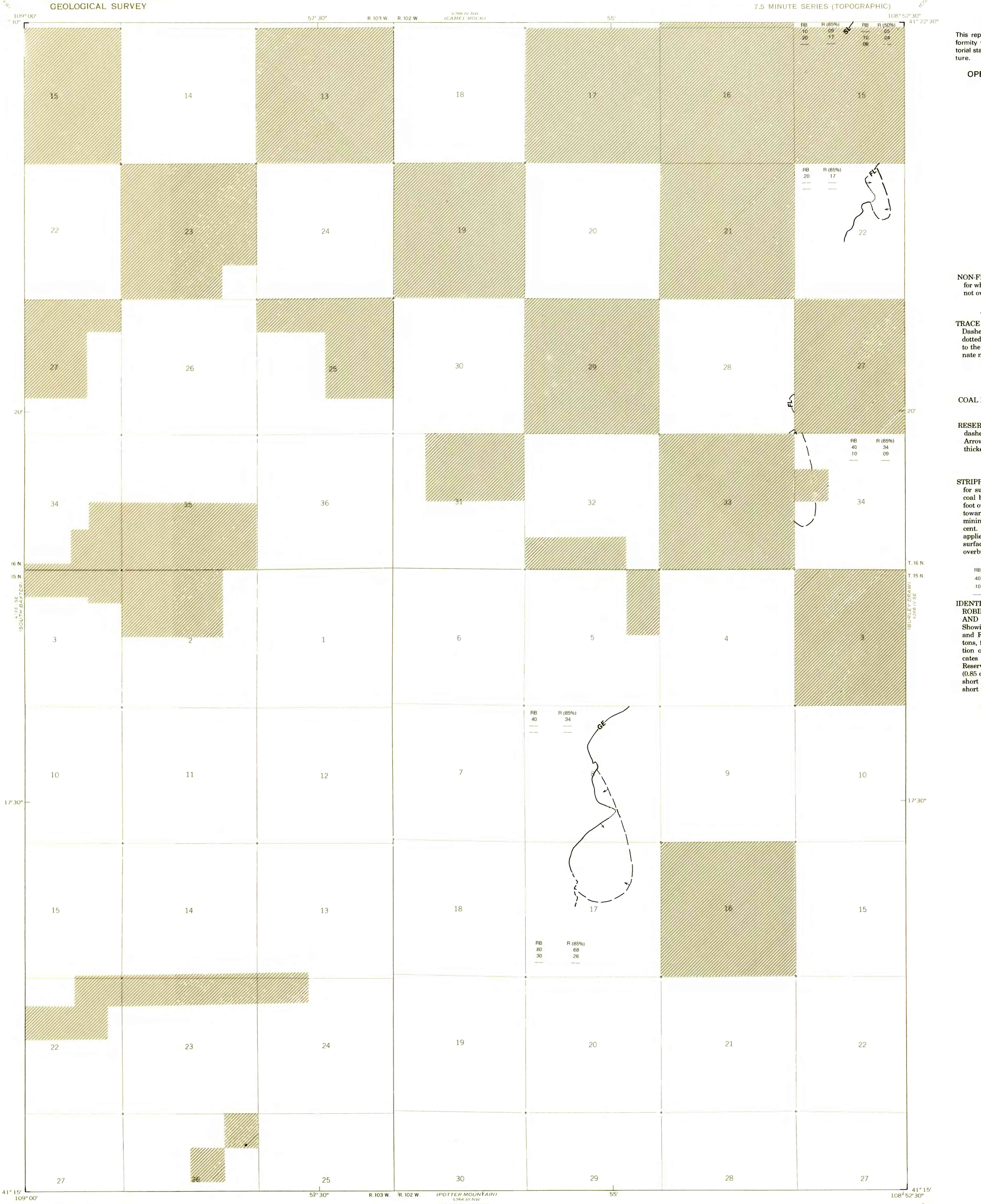
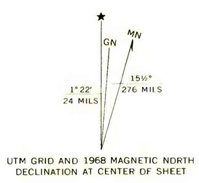
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

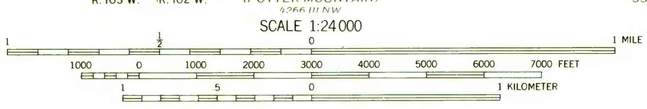


Base from U.S. Geological Survey, 1968
Compiled in 1977



UTM GRID AND 1968 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000



QUADRANGLE LOCATION

OPEN-FILE REPORT

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

OPEN FILE REPORT 78-031
PLATE 13 OF 35

EXPLANATION

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

GE

TRACE OF COAL BED OUTCROP — Dashed where approximately located, dotted where concealed. Arrow points to the coal bearing area. Letters designate name of coal bed.

RO—Robin
GE—Golden Eye
FL —Falcon

COAL BED SYMBOLS AND NAMES

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 Robin (RO) 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).

RB	R (85%)	
40	34	(Measured resources)
10	09	(Indicated resources)
—	—	(Inferred resources)

IDENTIFIED RESOURCES OF THE ROBIN (RO), GOLDEN EYE (GE), AND FALCON (FL) COAL BEDS — Showing totals for Reserve Base (RB) and Reserve (R), in millions of short tons, for each section or part(s) of section of Federal coal land. Dash indicates no resources in that category. Reserve Base (RB) X Recovery Factor (0.85 or 0.50) = Reserve (R). To convert short tons to metric tons, multiply short tons by 0.9072.

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
JOSEPH D. SANCHEZ
1978

PLATE 13
IDENTIFIED RESOURCES OF THE ROBIN, GOLDEN EYE, AND FALCON COAL BEDS