

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 28 OF 35

EXPLANATION

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

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

UD—Upper Mourning Dove
GU—Gull
LG—Lower Gull
COAL BED SYMBOLS AND NAMES

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

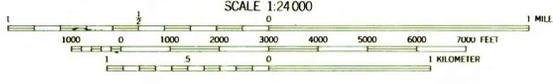
STRIPPING-LIMIT LINE — Boundary for surface mining of the Upper Mourning Dove (UD), Gull (GU), and Lower Gull (LG) coal beds (in this quadrangle, the 200-foot overburden isopach). Arrows point toward the area suitable for surface mining, with a recovery factor of 85 percent. A recovery factor of 50 percent applies to the area suitable for subsurface mining (200 to 1000 feet of overburden).

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

IDENTIFIED RESOURCES OF THE UPPER MOURNING DOVE (UD), GULL (GU), AND LOWER GULL (GU) 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) = Reserves (R). To convert short tons to metric tonnes, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.

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



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

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1978

PLATE 28
IDENTIFIED RESOURCES OF THE LOWER GULL, GULL, AND UPPER MOURNING DOVE COAL BEDS