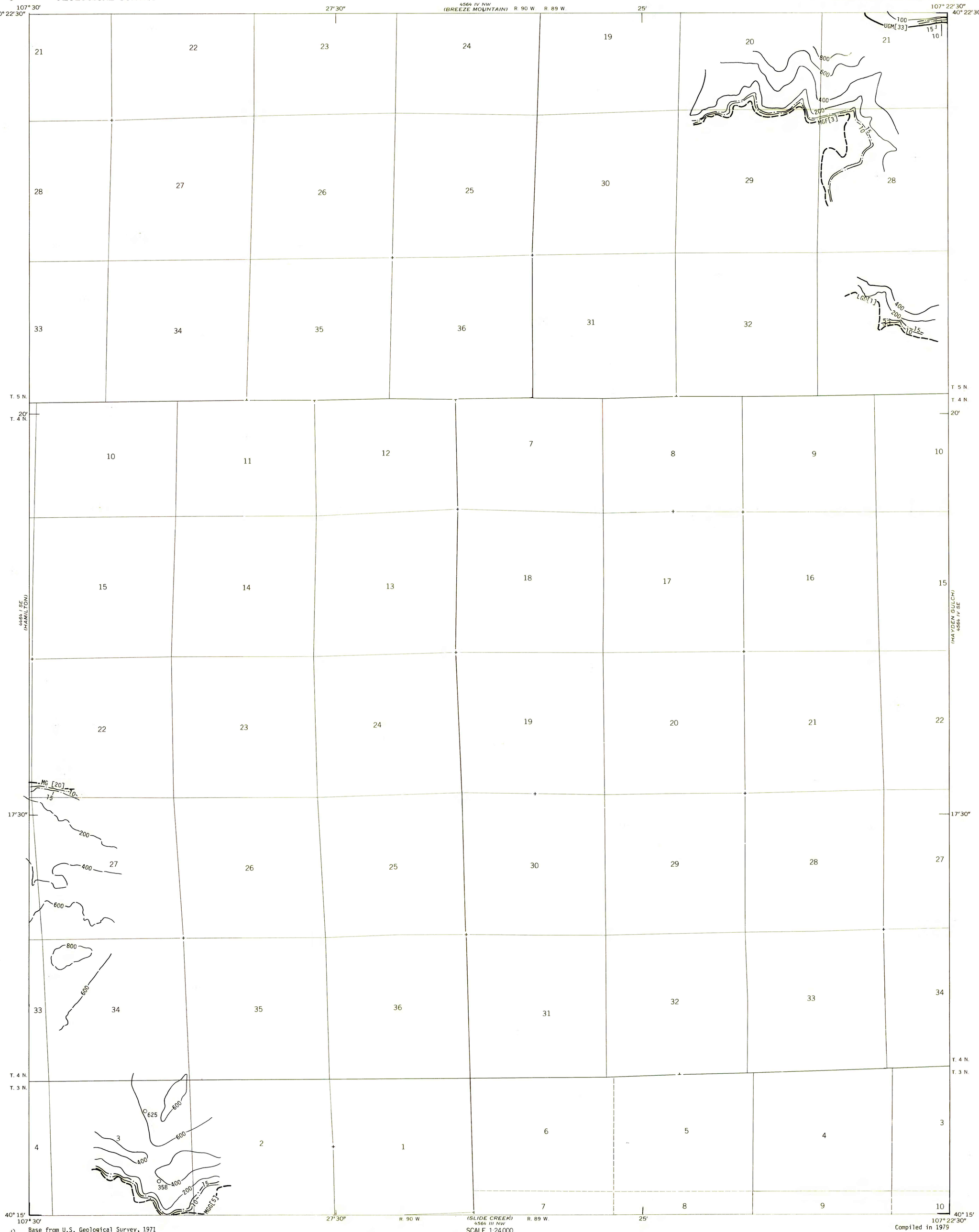
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PAGODA QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 DATON PEAK 15' QUADRANGLE



Base from U.S. Geological Survey, 1971

Compiled in 1979

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

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

GN MN 1° 34' 28 MILS 14½° 258 MILS

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COLORADO

QUADRANGLE LOCATION

EXPLANATION

200

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) for the UGM[33] bed and 200 feet (61 m) for the MG[20], MGG[5], MGF[3], and LGD[1] beds.

625

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

15

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach).

UGM[33] - Upper Coal Group, zone M, coal bed [33]
MG[20] - Middle Coal Group, coal bed [20]
MGG[5] - Middle Coal Group, zone G, coal bed [5]
MGF[3] - Middle Coal Group, zone F, coal bed [3]
LGD[1] - Lower Coal Group, zone D, coal bed [1]

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

MGF[3]

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where projected by present authors.

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE PAGODA QUADRANGLE, ROUTT AND MOFFAT COUNTIES, COLORADO

BY
DAMES & MOORE
1979

PLATE 5

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE LOWER COAL GROUP, ZONE D, COAL BED [1]; MIDDLE COAL GROUP, ZONE F, COAL BED [3]; MIDDLE COAL GROUP, ZONE G, COAL BED [5]; MIDDLE COAL GROUP, COAL BED [20]; UPPER COAL GROUP, ZONE M, COAL BED [33]