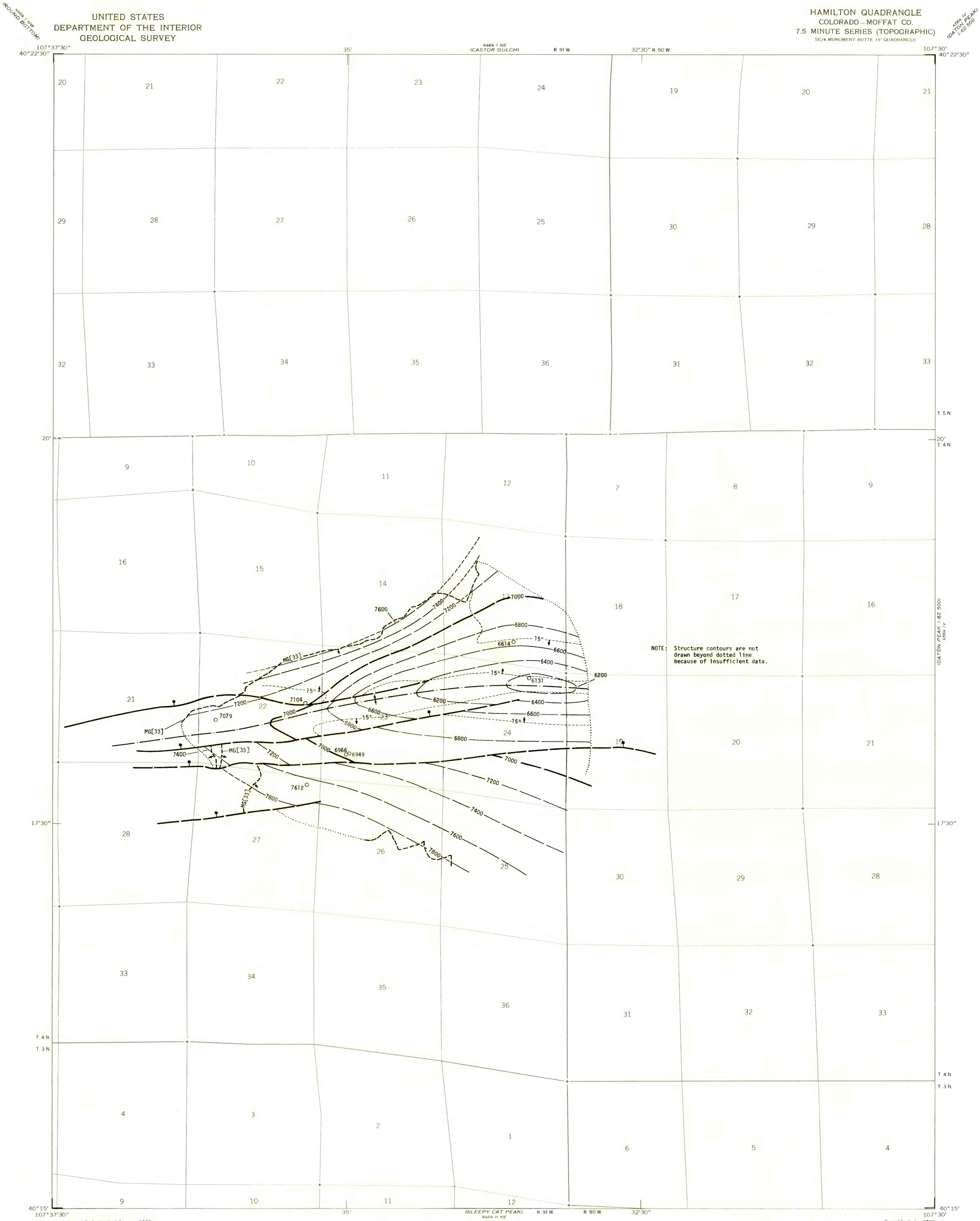
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HAMILTON QUADRANGLE
COLORADO—MOFFAT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MONUMENT BUTTE 15' QUADRANGLE

OPEN FILE REPORT 78-628
PLATE 31 OF 43



Base from U.S. Geological Survey, 1966

Compiled in 1979

SCALE 1:24 000

1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 KILOMETER

INTERVAL 40 FEET

GN — MN — 1°39' 29 MILS — 14½° 258 MILS

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COLORADO

QUADRANGLE LOCATION

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

EXPLANATION

7000
6800

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet; long dashed where vertical accuracy possibly not within 40 feet; short dashed where projected above ground surface. Contour interval 200 feet (61 m). Datum is mean sea level.

○6131

DRILL HOLE - Showing altitude of top of coal bed, in feet.

MG - Middle Coal Group

COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only.

MG[33]

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

15°

SUBSURFACE MINING LIMIT - Showing areas where dips of coal beds are greater than 15° and subsurface mining by conventional methods is not considered feasible. Reserve Base tonnages are calculated beyond limit; Reserve tonnages are not. Arrow points toward area where dips are greater than 15°.

TRACE OF FAULT - Bar and ball on downthrown side. Dashed where inferred or approximately located.

TRACE OF AXIAL PLANE OF ASYMMETRIC SYNCLINE - Short arrow indicates steeper limb.

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE HAMILTON QUADRANGLE, MOFFAT COUNTY, COLORADO

BY

DAMES & MOORE

1978

PLATE 31

STRUCTURE CONTOUR MAP OF THE MIDDLE COAL GROUP, COAL BED [33]