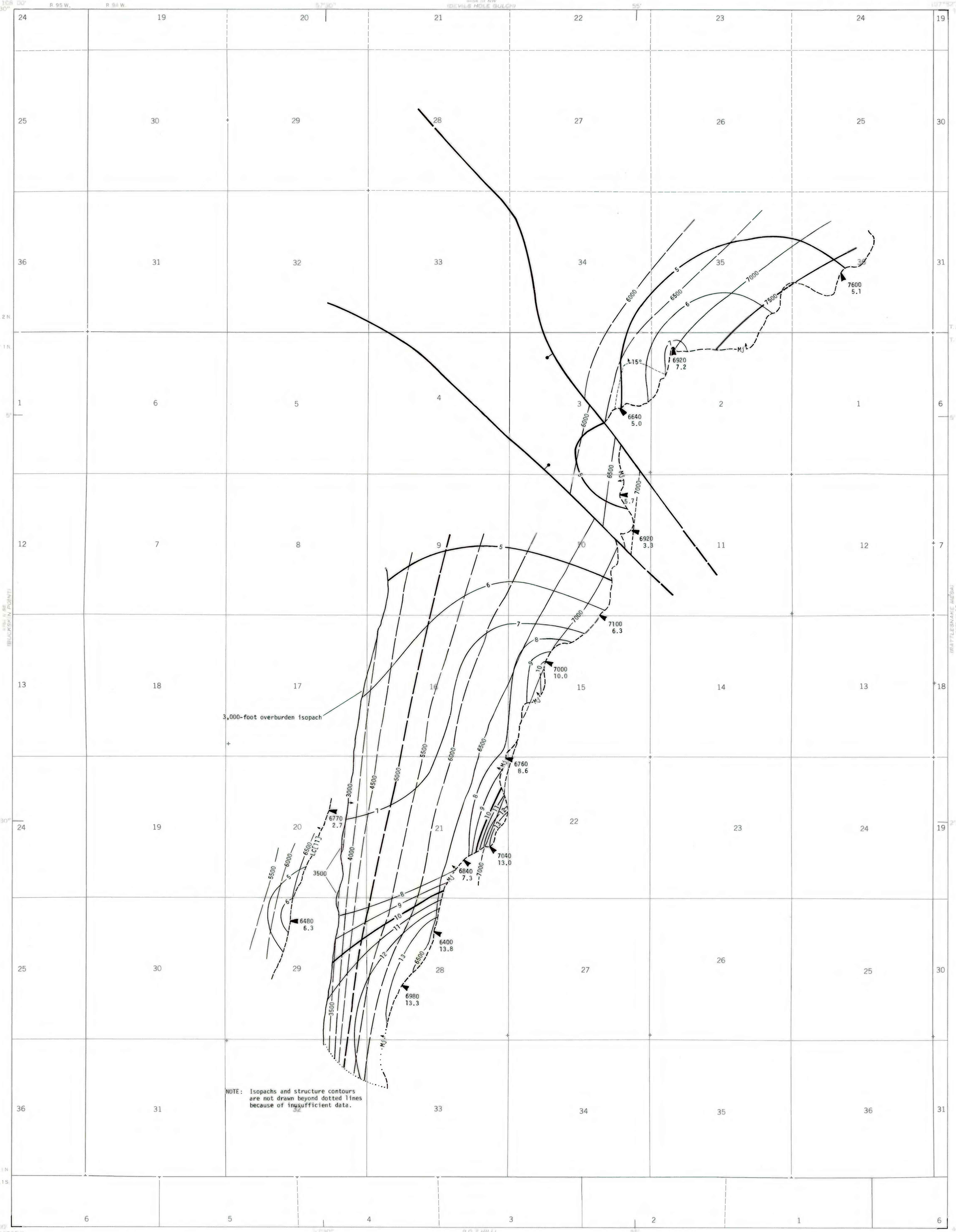

Base from U.S. Geological Survey, 1966

Compiled in 1979

SCALE 1:24 000

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

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

5 — 6

ISOPACHS - Showing thickness of coal, in feet. Isopach interval 1 foot.

5000 — 4500

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 250 feet; long dashed where vertical accuracy possibly not within 250 feet; short dashed where projected above ground surface. Contour interval 500 feet (152 m). Datum is mean sea level.

7040
13.0

POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet. Altitudes not shown for underground mine measured sections.

Mj - Major
LC - Lion Canyon coal group

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.

Mj

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

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.

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE MEEKER QUADRANGLE, RIO BLANCO COUNTY, COLORADO

BY

DAMES & MOORE

1979

PLATE 7

ISOPACH AND STRUCTURE CONTOUR MAP OF THE MAJOR COAL BED ,AND THE LION CANYON COAL GROUP, COAL BED [11]