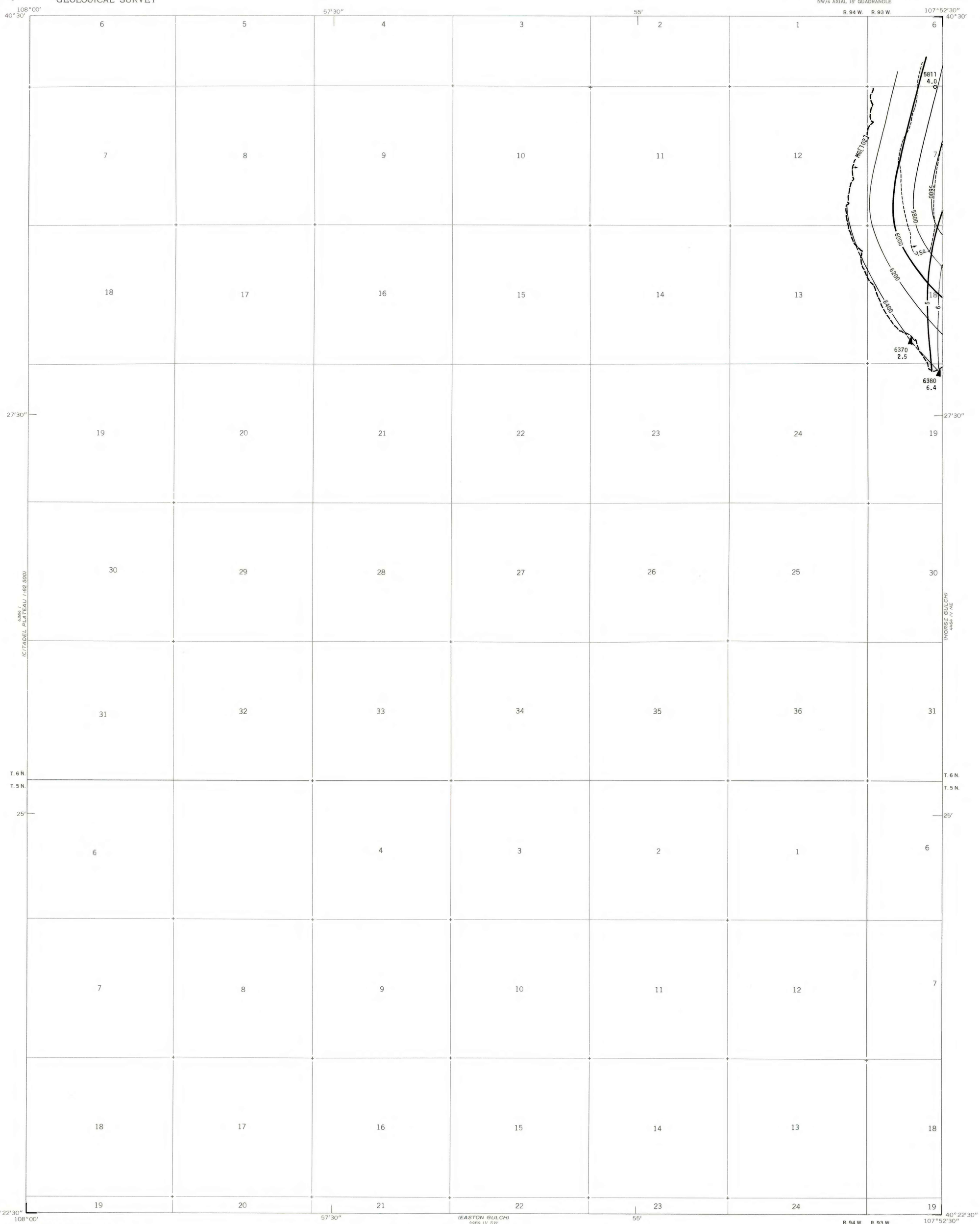
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUNIPER HOT SPRINGS QUADRANGLE
COLORADO—MOFFAT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 AXIAL 15' QUADRANGLE



EXPLANATION

5
6

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

6000
5800

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet; short dashed where projected above ground surface. Contour interval 200 feet (61 m). Datum is mean sea level.

5811
4.0

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

6380
6.4

POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet. Altitudes not shown for underground mine measured sections. Includes all points of measurement other than drill holes.

MG[102] - Middle Coal Group, coal bed [102]

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[102]

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°.

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1966

Compiled in 1979

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

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE JUNIPER HOT SPRINGS QUADRANGLE, MOFFAT COUNTY, COLORADO

BY

DAMES & MOORE

1979

PLATE 7

ISOPACH AND STRUCTURE CONTOUR MAP OF THE MIDDLE COAL GROUP, COAL BED [102]