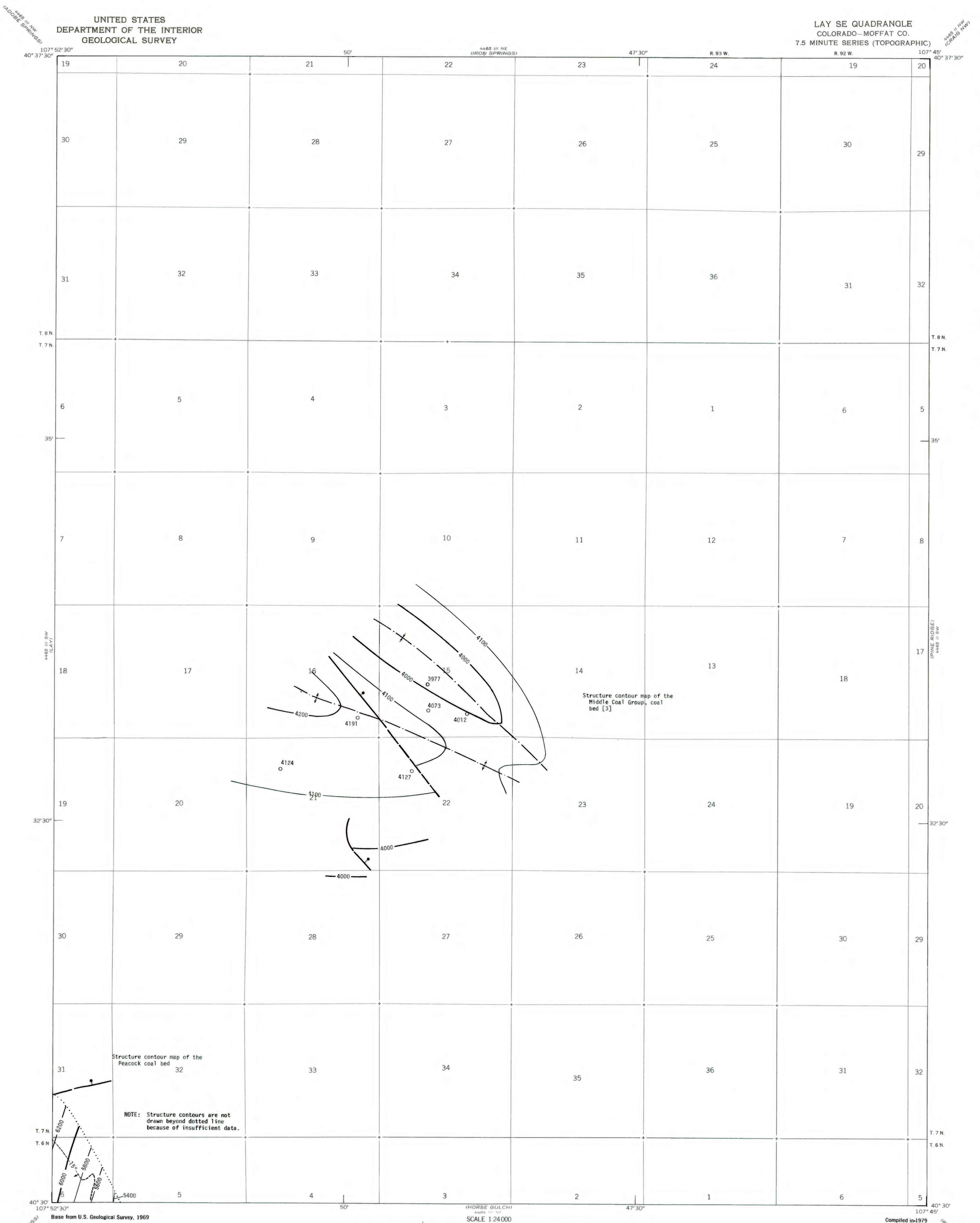
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAY SE QUADRANGLE
COLORADO—MOFFAT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

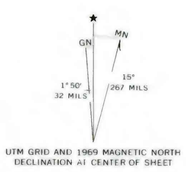
OPEN FILE REPORT 79-878
PLATE 5 OF 44




Base from U.S. Geological Survey, 1969

Compiled in 1979

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




UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

QUADRANGLE LOCATION

## EXPLANATION

4000
4100

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet. Contour interval 100 feet (31 m). Datum is mean sea level.

4124

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

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.

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.

SYNCLINE - Showing trace of axial plane.

ANTICLINE - Showing trace of axial plane.

To convert feet to meters, multiply feet by 0.3048.

# COAL RESOURCE OCCURRENCE MAP OF THE LAY SE QUADRANGLE, MOFFAT COUNTY, COLORADO

BY
DAMES & MOORE
1979

PLATE 5

STRUCTURE CONTOUR MAPS OF THE MIDDLE COAL GROUP, COAL BED [3], AND THE PEACOCK COAL BED