

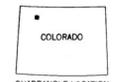
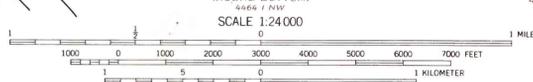
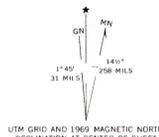
- EXPLANATION**
- 5
6
 - ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred; short dashed where projected beyond coal-bearing area. Isopach interval 1 foot for the Middle Coal Group, coal bed [8], and Fort Union, coal bed [21], and 5 feet for the Fort Union, coal beds [25] and [30].
 - 4500
4400
 - 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 100 feet (31 m). Datum is mean sea level.
 - 15.0/2.0
 - DRILL HOLE - Showing altitude of top of coal bed, and thickness of coal, in feet.
 - ▲ 6965
3.6
 - POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal/thickness of rock, in feet. Includes all points of measurement other than drill holes.
 - 3.0/0.1
 - INTERBEDDED COAL AND ROCK - Showing total coal thickness/rock thickness.
 - FU - Fort Union
 - 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.
 - ▲ FU[21]
 - TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred; short dashed where projected by present authors. Dotted where concealed.
 - C. ↑
 - INFERRED LIMIT OF BURNED AND CLINKERED COAL - Arrow points toward area of baked and fused rock.
 - ↑ 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.

NOTE: Isopachs and structure contours are not drawn beyond dotted line because of insufficient data.

Isopach and structure contour map of the Middle Coal Group, coal bed [8]

Base from U.S. Geological Survey, 1969

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



COAL RESOURCE OCCURRENCE MAP OF THE PINE RIDGE QUADRANGLE, MOFFAT COUNTY, COLORADO
BY
DAMES & MOORE
1979