

44°45' 11" N  
107°37'30" W  
IRON SPRINGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PINE RIDGE QUADRANGLE  
COLORADO--MOFFAT CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-876  
PLATE 24 OF 27

EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

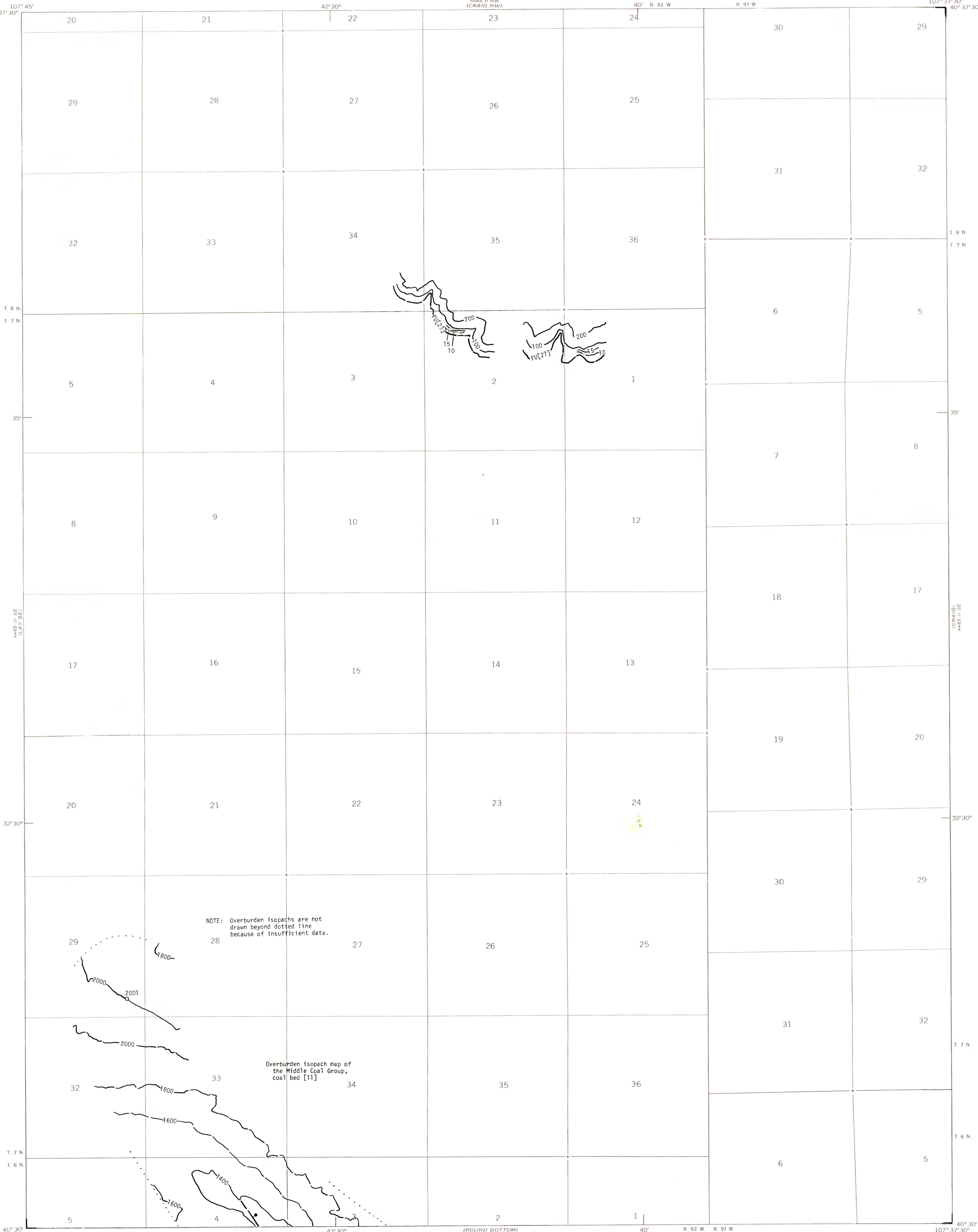
MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

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.

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

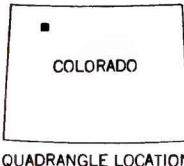
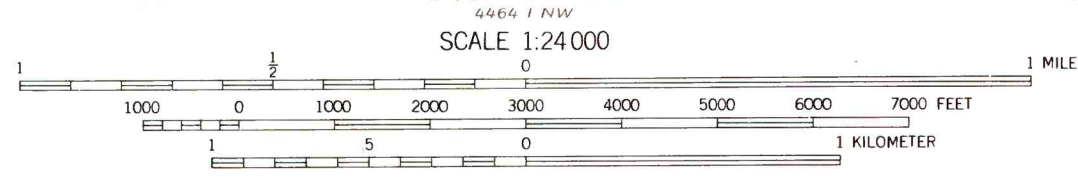
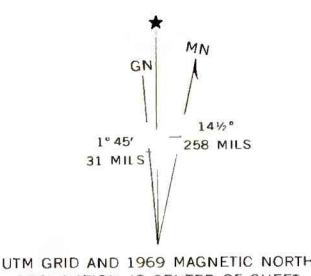
TRACE OF FAULT - Bar and ball on downthrown side. Dashed where inferred or approximately located.

To convert feet to meters, multiply feet by 0.3048.



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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

PLATE 24

OVERBURDEN ISOPACH MAP OF THE  
MIDDLE COAL GROUP, COAL BED [11]; AND  
OVERBURDEN ISOPACH AND MINING RATIO MAPS  
OF THE FORT UNION [23] AND [27] COAL BEDS