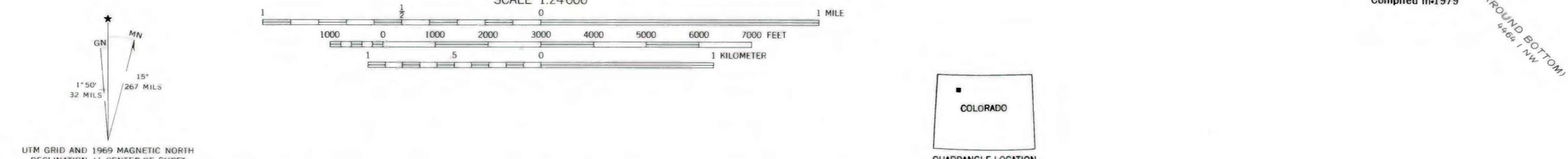


EXPLANATION

- GL 6675  
R 58  
C 12.8(Bv)  
R 123.6  
R 11.6  
C 4.9(FU)  
R 6.6
  - GL 6469  
NR 61  
R 2602  
C 10(UG)[16]  
R 194  
C 29(MG)[13]  
R 104+
  - ▲ Blivins Mine  
R 80.4  
C 13.5(Bv)  
R 40.4
  - ◆ MINE MEASURED SECTIONS - Abandoned underground mine, showing mine name, if known, and coal thickness, in feet. Index number refers to section on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed(s) as listed below.
  - ▲ R 13.1  
C 4.9(FU)[38]  
R 13.1
  - ▲ R 42.7  
R 10(E)  
C 0.8  
C 9.5(E)  
R 34.4+
  - ▲ R 25.0  
C 18.9(E)  
R 34.4+
  - ▲ R 99.5  
C 13.1(Bv)  
R 76.1+
  - ▲ R 21.8  
C 4.9(E)  
R 75.5
  - ▲ R 142.4  
C 11.5(E)  
R 1.6  
C 4.9(E)  
R 21.8  
C 3.3(FU)
  - ▲ R 19.7  
C 6.6(FU[43])  
R 9.8  
C 1.0(FU)  
R 1.6  
C 2.8(FU)  
R 132.2
  - ▲ R 156.8  
C 10.8(E)  
R 10.2  
C 1.0(FU)  
R 1.8  
C 2.8(FU)  
R 132.2
  - ▲ R 91.9  
C 4.3  
C 1.0(FU[43])  
R 14.4  
C 1.5(FU[27])  
R 0.3  
C 4.6(FU[27])  
R 39.4
  - ▲ R 25.0  
C 18.9(E)  
R 34.4+
  - ▲ R 99.5  
C 13.1(Bv)  
R 76.1+
  - ▲ R 142.4  
C 11.5(E)  
R 1.6  
C 4.9(E)  
R 21.8  
C 3.3(FU)
  - ▲ R 19.7  
C 6.6(FU[43])  
R 9.8  
C 1.0(FU)  
R 1.6  
C 2.8(FU)  
R 132.2
  - ▲ R 156.8  
C 10.8(E)  
R 10.2  
C 1.0(FU)  
R 1.8  
C 2.8(FU)  
R 132.2
  - ▲ R 91.9  
C 4.3  
C 1.0(FU[43])  
R 14.4  
C 1.5(FU[27])  
R 0.3  
C 4.6(FU[27])  
R 39.4
  - ▲ R 25.0  
C 18.9(E)  
R 34.4+
  - ▲ R 99.5  
C 13.1(Bv)  
R 76.1+
  - ▲ R 142.4  
C 11.5(E)  
R 1.6  
C 4.9(E)  
R 21.8  
C 3.3(FU)
  - ▲ R 19.7  
C 6.6(FU[43])  
R 9.8  
C 1.0(FU)  
R 1.6  
C 2.8(FU)  
R 132.2
  - ▲ R 156.8  
C 10.8(E)  
R 10.2  
C 1.0(FU)  
R 1.8  
C 2.8(FU)  
R 132.2
  - ▲ R 91.9  
C 4.3  
C 1.0(FU[43])  
R 14.4  
C 1.5(FU[27])  
R 0.3  
C 4.6(FU[27])  
R 39.4
- GL - Ground level elevation  
NR - No record  
R - Rock interval  
C - Coal interval  
TD - Total depth
- TEST HOLE AND MEASURED-SECTION DATA SYMBOLS
- FU - Fort Union, undifferentiated  
Bv - Blivins  
E - Emerson  
La - Lance, undifferentiated  
WF - Williams Fork, undifferentiated  
UG - Upper Coal Group  
MG - Middle 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.
- TRACE OF COAL BED OUTCROP - Showing thickness of coal and rock, in feet, measured at triangle. Index number refers to section on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed line indicates inferred outcrop.
- TRACE OF FAULT - Bar and ball on downthrown side. Dashed where inferred; short dashed where projected by present authors. Dotted where concealed.
- BURNED AND CLINKERED COAL - Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.
- To convert feet to meters, multiply feet by 0.3048.
- REFERENCES
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- Bergin, M. J., 1959, Preliminary geologic map of the Haydel-Lay area, Moffat County, Colorado (open-file).
- Brownfield, M. E., 1976, Geophysical logs of seventeen holes drilled in 1976 in the Yampa coal field, northwestern Colorado: U.S. Geol. Survey Open-File Report 76-817.
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COAL RESOURCE OCCURRENCE MAP OF THE LAY SE QUADRANGLE, MOFFAT COUNTY, COLORADO  
BY DAMES & MOORE  
1979  
PLATE 1  
COAL DATA MAP

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

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Compiled in 1979

UNNUMBERED SPRINGS

IRON SPRINGS

HORSE GULLCH

IRON SPRINGS

HORSE GULLCH