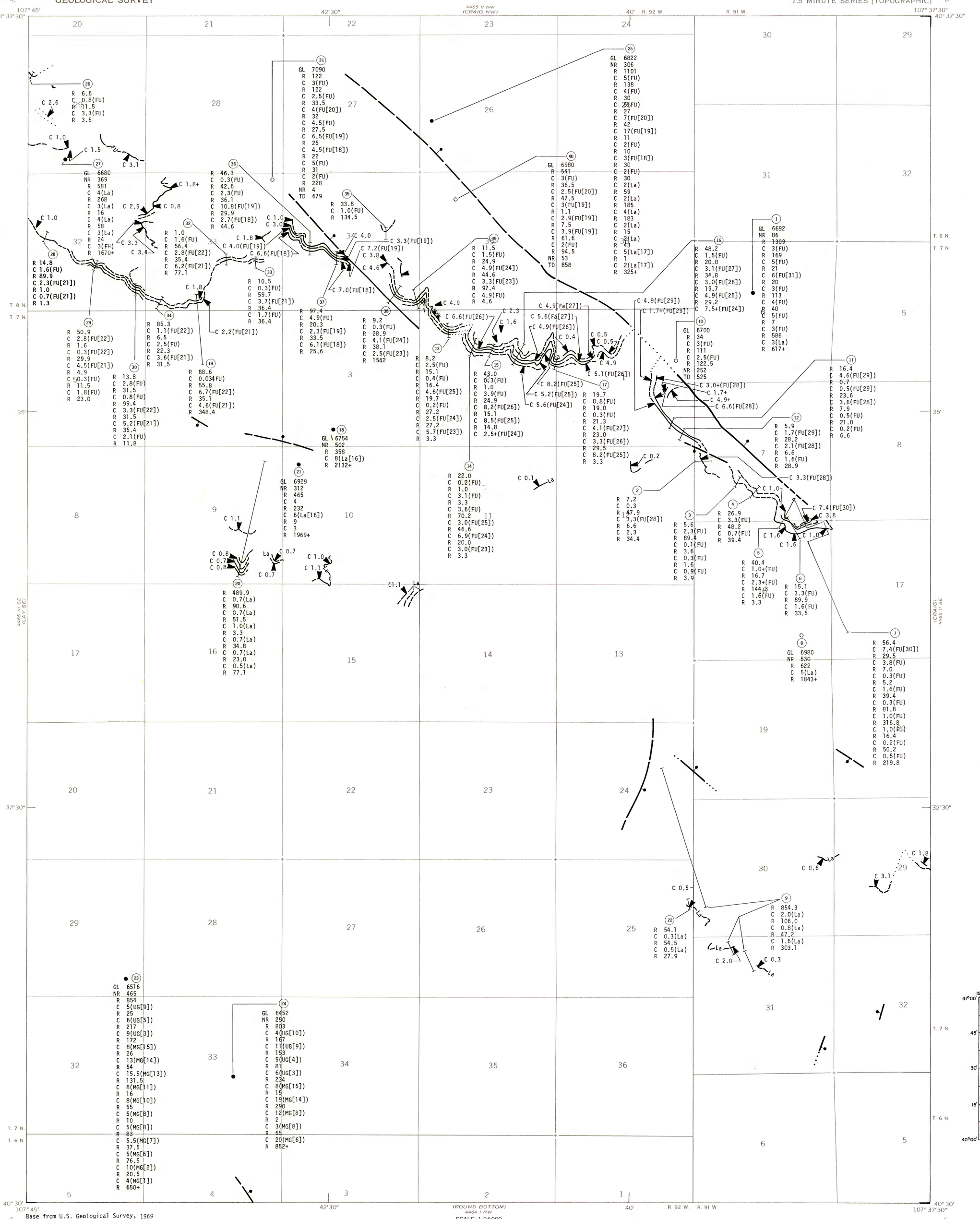
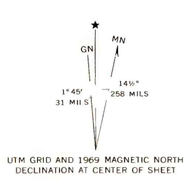
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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



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.



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

(10) GL 6700
R 34
C 3(FU)
R 111
C 2.5(FU)
Section continues

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed(s) as listed below.

(24) GL 6452
NR 250
R 803
C 4(UG[10])
R 167
C 11(UG[9])
Section continues

OIL AND GAS TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed(s) as listed below.

(35) R 33.8
C 1.0(FU)
R 134.5

OUTCROP MEASURED SECTION - Showing rock interval 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. Trace of measured section, shown by line.

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
La - Lance
FH - Fox Hills
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.

C 3.3(FU[28])

TRACE OF COAL BED OUTCROP - Showing thickness of coal, in feet, measured at triangle. Letters (or bracketed numbers) designate name of coal bed as listed above. Dashed where inferred; dotted where concealed.

TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred; dotted where concealed.

Abandoned

UNDERGROUND COAL MINE - Showing name of mine, if known.

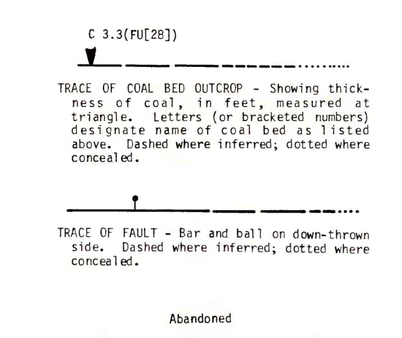
BURNED AND CLINKERED COAL - Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

To convert feet to meters, multiply feet by 0.3048.

REFERENCES

Brownfield, M. E., 1976, Geophysical logs of seventeen holes drilled in the Yampa coal field, northwestern Colorado: U.S. Geol. Survey, Open-File Report 76-817.

Brownfield, M. E., and Prost, Gary, (no date), Preliminary geologic map and coal sections of the Pine Ridge quadrangle, Moffat County, Colorado: U.S. Geol. Survey, unpublished data and map, scale 1:24,000.



MAP SHOWING LOCATION OF THE PINE RIDGE QUADRANGLE (SHADED) AND THE YAMPA KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), COLORADO

COAL RESOURCE OCCURRENCE MAP OF THE PINE RIDGE QUADRANGLE, MOFFAT COUNTY, COLORADO

BY

DAMES & MOORE

1979

PLATE 1
COAL DATA MAP