UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUNIPER HOT SPRINGS QUADRANGLE
COLORADO—MOFFAT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 AXIAL 15' QUADRANGLE

## EXPLANATION

(2)
○ GL 6418
R 107
C 5.5(MG[40])
R 1.5
C 2.0(MG[40])
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.

(5)
C 1.2(LG)
R 9.0
C 1.7(LG)

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 as listed below.

GL - Ground level elevation
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

P - Peacock
MG - Middle Coal Group
LG - Lower Coal Group

COAL BED SYMBOLS AND NAMES - Coal beds or zones identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

3

LINE OF COMPOSITE SECTION - Showing index number of section on plate 3 of CRO map. Composite section is based on nearby coal thickness measurements.

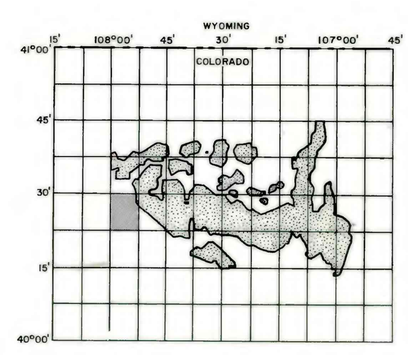
To convert feet to meters, multiply feet by 0.3048.

## REFERENCES

Bergin, M. J., 1959, Preliminary geologic map of the Maybell-Lay area, Moffat County, Colorado: U.S. Geol. Survey Open-File map, scale 1:48,000.

Hancock, E. T., 1925, Geology and coal resources of the Axial and Monument Butte quadrangles, Moffat County, Colorado: U.S. Geol. Survey Bull. 757.

Muller, S. C., 1976, Lithologic and geophysical logs of seven holes drilled in 1975 in the Yampa and Danforth Hills coal fields, northwestern Colorado: U.S. Geol. Survey Open-File Report 76-383.




MAP SHOWING LOCATION OF THE JUNIPER HOT SPRINGS QUADRANGLE (SHADED) AND THE YAMPA KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), COLORADO

Base from U.S. Geological Survey, 1966

Compiled in 1979

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

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

QUADRANGLE LOCATION

# COAL RESOURCE OCCURRENCE MAP OF THE JUNIPER HOT SPRINGS QUADRANGLE, MOFFAT COUNTY, COLORADO

BY

DAMES & MOORE

1979

PLATE 1
COAL DATA MAP