Base from U. S. Geological Survey maps of Mount Harris, Pilot Knob, Elkhead Creek, and Daton Peak quadrangles

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
M R-7954

EXPLANATION

SEDIMENTARY ROCKS

QUATERNARY (?)

- **Qal** — Alluvium, boulder deposits, and terraces
- **Qs** — Unconsolidated surficial deposits

TERTIARY

- Eocene — **Tw** — Wasatch formation
- Paleocene — **Tfu** — Fort Union formation

CRETACEOUS

- **Kl** — Lance formation
- **Kls** — Lewis shale
- Upper Cretaceous, Mesaverde group — **Kw, Kwt, Kw** — Williams fork formation; *Twentymile sandstone member*, Kwt
- **Klt, Kl** — Iles formation; *Trout Creek sandstone member*, Klt
- **Km** — Mancos shale

EXTRUSIVE ROCKS

TERTIARY

- Miocene(?) — Basaltic flows

INTRUSIVE ROCKS

Plugs, dikes, and sills
Basalt, latite-trachyte, and lamprophyre

Contact
Dashed where approximately located

Fault
Dashed where approximately located
U, *upthrown side*; D, *downthrown side*

Strike and dip of beds

Apparent dip

Oil well

Abandoned oil well

Gas well

Dry hole

Oil seep

Line shows outcrop of coal bed
Solid circle shows location of measured coal section at outcrop, prospect pit, core hole or mine. Number corresponds with number in plates 22, 23, 24, and 25

Structure contours
Dashed where approximately located. Contour interval 200 feet. Altitudes in feet above sea level. Contours drawn on top of Trout Creek sandstone member

GEOLOGIC MAP OF PART OF ROUTT AND MOFFAT COUNTIES, COLORADO

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

1000 500 0 1000 2000 3000 4000 5000 6000 7000 Yards

1000 0 3000 6000 9000 12000 15000 18000 Feet

1 .5 0 1 2 3 4 Kilometers

Contour interval 50 feet
Datum is mean sea level

Geology by N. W. Bass, M. R. Campbell, and J. B. Eby