



EXPLANATION
SEDIMENTARY ROCKS

Recent

Qal
Alluvium

UNCONFORMITY

Tge
Tgp
Tgd
Tga

Green River formation
Eocainian Creek member, Tge, light-brown and gray sandstone and gray marlstone and siltstone; Durakate Creek member, Tgp, black, brown, and gray cliff-forming marlstone; includes principal oil-shale zones. Outcrop of Moksopung member, where mapped, indicated by short-dashed line; Garden Gulch member, Tgp, brown gray marlstone, paper shale, calcitic limestone and sandstone, algal limestone, and some massive brown sandstone; Douglas Creek member, Tge, brown and buff massive sandstone and gray shale; Anvil Pointe member, Tga, brown sandstone with some gray shale and brown marlstone.

Eocene

Tw
Wasatch formation (Eocene? unnamed unit (Paleocene?)) and Ohio Creek conglomerate (Paleocene?)
Varicolored shale and clay with some tenticular sandstone and conglomerate, and thin limestone beds. In local part are brown sandstone and amber-colored shale with thin coal seams and a local conglomerate.

Paleocene and Eocene

Contact
Dashed where approximately located

Fault
Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side

Strike and dip of beds

Well symbols
(shows oil or gas not indicated)

Core hole
Drilling well
Dry hole
Gas well
Oil well
Oil and gas well
Oil and gas test
Operations suspended

1400
ISOPACHS
Drawn on the interval between the B-Groove and the orange marker of the Green River Formation; dashed where control is poor. Contour interval 100 feet

620
Number next to well is thickness of downstate zone in feet; data from Smith and Milton (1966)

APPROXIMATE MEAN DEPRESSION, 1967

COLORADO
MAP LOCATION

QUATERNARY
TERTIARY

Base modified from plate 48,
U.S. Geological Survey Bulletin 1082

SCALE 1:125,000
0 1 2 3 4 5 6 Miles

Geology from Donnell (1961, plate 48)
Isopachs added by J. R. Dyni, 1966

**PRELIMINARY ISOPACH MAP OF THE INTERVAL BETWEEN THE B-GROOVE AND THE ORANGE MARKER OF THE GREEN RIVER FORMATION
NORTHERN PART OF THE PICEANCE CREEK BASIN, COLORADO**

by *Colorado (Piceance Creek basin). Structure. 1:125,000. 1968.*
John R. Dyni
1968
*sheet 2,
cop. 1.*

U. S. Geological Survey
OPEN FILE REPORT
This map is preliminary
has not been edited or reviewed for
conformity with Geological Survey
standards or nomenclature.

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