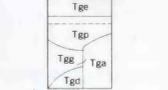


EXPLANATION
SEDIMENTARY ROCKS

Qal
Alluvium

UNCONFORMITY



Green River formation
Evacuation Creek member, Tge, light-brown and gray sandstone and gray marlstone and siltstone; Parachute Creek member, Tgp, black brown, and gray cliff-forming marlstone; includes principal oil-shale zones. Outcrop of Mesaspina member, where mapped, indicated by short-dashed line; Garden Gulch member, Tge, barren gray marlstone, siltstone, and some massive brown sandstone; Douglas Creek member, Tge, brown and buff massive sandstone and gray shale; Ansel Point member, Tge, brown sandstone with some gray shale and barren marlstone.

Tw
Wasatch formation (Eocene), unnamed unit (Paleocene), and Ohio Creek conglomerate (Paleocene?)

Varioluted shale and clay with some festucular sandstone and conglomerate and thin limestone beds. In basal part are brown sandstone and amber-colored shale with thin coal seams and a basal conglomerate.

Kmv
Mesaverde group
Resistant tan and white sandstone, some shale and coal beds.

IGNEOUS ROCKS

Tb
Basalt

Contact
Dashed where approximately located

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

Approximate limit of high and low resistivity values characteristic of nahcolite and fracture zones in Yellow Creek 1 core hole

- 5302
Well used for control
Showing altitude, in feet,
above mean sea level
- X
Outcrop used for control
Showing altitude, in feet,
above mean sea level
- C
Well in which hydrologic
data were obtained

Base in area east of 108°30' and south of 39°30' compiled from U. S. Geological Survey topographic maps; base in remainder of area compiled from planimetric maps made from Soil Conservation Service aerial mosaics and Government Land Office plats.



FIGURE 5.--GEOLOGIC MAP SHOWING STRUCTURE CONTOURS ON TOP OF THE BLACK MARKER (B ZONE) IN THE PARACHUTE CREEK MEMBER OF THE GREEN RIVER FORMATION, RIO BLANCO COUNTY, COLORADO

Geologic mapping by D. C. Duncan and N. M. Denson (1945); F. R. Waldron, J. R. Donnell and J. C. Wright (1948); and J. R. Donnell, W. B. Cashion, and J. H. Brown (1949-51). Structure contours by F. A. Weider, 1965.