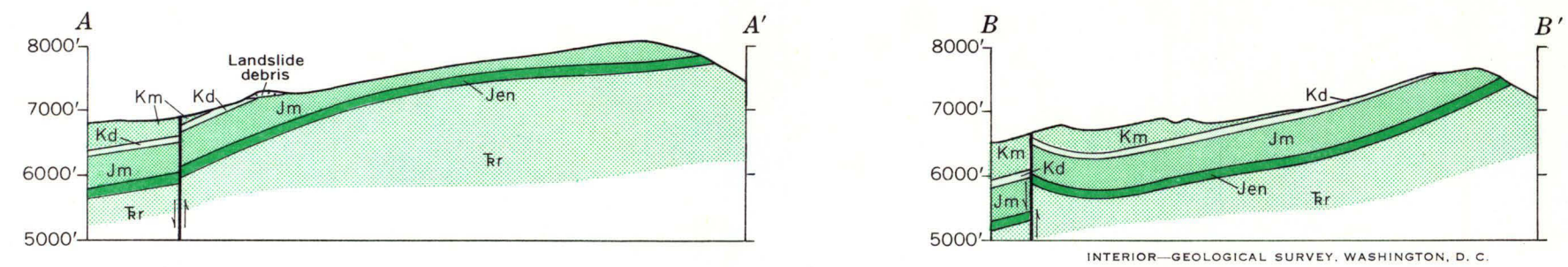


Vertical control taken from U. S. Bureau of Reclamation bench marks, Harvey Gap Reservoir

Compiled by R. P. Fischer, W. L. Stokes, and L. E. Smith, 1944

EXPLANATION

- Structure contours
Drawn on top of red beds; dashed where approximately located. Contour interval 100 feet. Datum is mean sea level
- Mancos shale
Gray soft fissile shale
- Dakota sandstone
Brown and gray sandstone and brown carbonaceous shale
- Morrison formation
Gray and red mudstone and light-gray sandstone. Sandstone beds in lower part contain small deposits of vanadium-uranium ore
- Entrada and Navajo(?) sandstones
Entrada is light gray, fine grained, massive, and crossbedded; forms rounded cliffs or steep slopes. Navajo(?) is light brown, fine grained, massive, and crossbedded; forms rough vertical cliff. Both formations contain the vanadium-uranium deposit developed by the Rifle and Garfield mines
- Red beds
Shale, arkosic sandstone, and conglomerate, in part gray but dominantly red
- Landslide debris
Blocks and unconsolidated material, mostly from Dakota and Morrison formations. Pattern is superimposed on pattern of bedrocks
- Contact
Dashed where approximately located; dotted where concealed
- Fault
Dashed where approximately located or concealed. u, upthrown side; d, downthrown side
- Anticline
Showing trace of axial plane
- Syncline
Showing trace of axial plane
- Strike and dip of beds
- Strike of vertical beds
- Horizontal beds



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

GEOLOGIC MAP OF THE RIFLE CREEK AREA, GARFIELD COUNTY, COLORADO

