

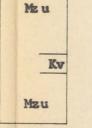
OPEN FILE - 1969 Sheet 2 of 3 Cut Bank-Hungry Horse Reservoir area, Montana By M. R. Mudge

DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY

EXPLANATION



Upper Cretaceous sills, diorite, syenite and gabbro. May be as young as Paleocene



Ks

Cretaceous intrusive rocks, mostly quartz monzonite and gabbro stocks

Mesozoic rocks Mzw, undifferentiated Cretaceous and Jurassic rocks. May include some Tertiary rocks locally Kv, Virgelle Sandstone mapped separately from Mzu in eastern area

MzPzu

Mesozoic and Paleozoic rocks



Paleozoic rocks Permian, Pennsylvanian, Mississippian, Devonian, and Cambrian rocks

PCs

Upper Precambrian diorite and gabbro sills

Precambrian Belt Supergroup

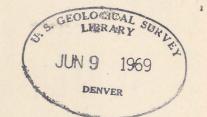
PED

CONTACTS Approximately located

Bedrock

Thrust fault Sawteeth on upper plate

Normal fault U, upthrown side; D, downthrown side



Arrows show direction of horizontal movement

Tear fault

Fault

SYMBOLS

Anticline Syncline Overturned anticline Showing crest line or troughline, direction of dip of limbs, and direction of plunge

TT TT TT TT TT

Edge of disturbed belt Hachures in direction of faulted and folded rocks

(5100D) Oil well Depth of well in feet and age of rocks at bottom of well J, Jurassic rocks M, Mississippian rocks D, Devonian rocks