



Base from U.S. Geological Survey
uneditd advance print

SCALE 1:24 000
2 MILES
8000 FEET

Geology mapped in 1972

U.S. Geological Survey
OPEN FILE REPORT

This map is preliminary and has not
been edited or reviewed for conformity
with Geological Survey standards or
nomenclature.

PRELIMINARY GEOLOGIC MAP OF THE CROTON 1 NE QUADRANGLE, CAMPBELL COUNTY, WYOMING

By
E. J. McKay

EXPLANATION

- | | | |
|--------------|--|------------|
| Qa | ALLUVIUM (HOLOCENE)--Unconsolidated silt and sand on the flood plains of the largest streams. Includes some slope wash locally | QUATERNARY |
| Ql | LANDSLIDE MATERIAL (HOLOCENE) | |
| Tw | WASATCH FORMATION (EOCENE)--Yellowish- and light-gray friable generally fine- to very fine-grained sandstone, medium-gray mudstone and claystone, brown carbonaceous shale, and coal. Contact with the underlying Fort Union Formation drawn approximately at the base of a sequence several tens of feet thick of crossbedded fine- to locally medium-grained sandstone | |
| UNCONFORMITY | | TERTIARY |
| Tfu | FORT UNION FORMATION (PALEOCENE)--Light-gray and very light yellowish gray slabby very fine grained sandstone and siltstone, medium-gray mudstone and claystone, brown carbonaceous shale, and coal | |

- | | |
|-----------------|---|
| --- | Contact--Approximately located. Dotted where concealed. Not shown in areas where rock is extensively altered by the burning of coal |
| U
D | Fault--U, upthrown side; D, downthrown side |
| Anderson
F4u | Outcrop of coal bed--Drawn on base of the coal. Dashed where approximately located; dotted where concealed. Number identifies location of measured coal section shown on sheet 2. Bed name queried where correlation is uncertain |
| Anderson
F4u | Outcrop of burned coal bed--Dashed where approximately located. Dotted line shows limit of rock altered by burning of the coal |
| A ¹² | Drill hole--Showing holes for which thickness and depth of coal have been determined as shown in table 1 (sheet 3) |
| 40-20
40-0 | Structure contours--Drawn on base of Dietz coal bed |