

EXPLANATION

Recent

Qal
Alluvium

Eocene

Tw
Wasatch formation
Yellowish-gray sandstone, waxy medium-gray shale, dusky-brown carbonaceous shale, and persistent coal beds. Weathers drab brown

Paleocene

Tfut
Tongue River member of the Fort Union formation
Yellowish-gray sandstone, waxy medium-gray shale, dusky-brown carbonaceous shale, and persistent coal beds. Weathers yellowish-gray

Local
Felix
Local

Outcrop of coal beds
Dashed where approximately located; dotted where inferred. Tick mark indicates location of measured section. Number corresponds to number in text and on plates 9, 10, and 11

Clinker
Dashed line shows approximate limit of burning

Contact
Dashed where inferred

High-angle fault
Dashed where approximately located; dotted where inferred. U, upthrown side; D, downthrown side

Anticline
Approximately located

Syncline
Approximately located

Structure contour drawn on the base of the Smith coal bed (4600)
Structure contour drawn on the base of the Um No 2 coal bed (4500)
Contours are dashed where inferred. Contour interval 50 feet; datum is mean sea level. Contours projected where bed is absent

Coal prospect (1424)
Number refers to measured section in text and on plate 9, 10, and 11

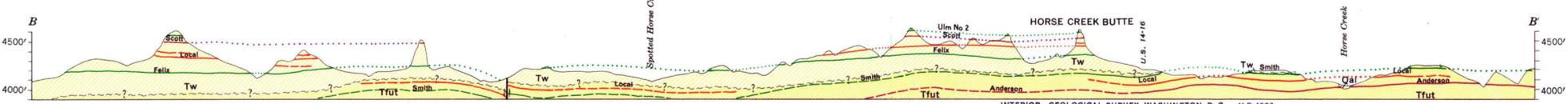
Dry hole

Gas well

TERTIARY

Base, from U. S. Land Office plats and from aerial photographs

Geology mapped in 1948 and 1949 by W. W. Olive, assisted by J. F. Cronin, W. D. Johnson, Jr., J. C. MacLachlan, C. E. Person, W. J. Hall and A. Myerhoff



GEOLOGIC MAP AND SECTION OF THE SOUTHERN PART OF THE SPOTTED HORSE COAL FIELD, SHERIDAN AND CAMPBELL COUNTIES, WYOMING

Scale 1:63,360 4 Miles