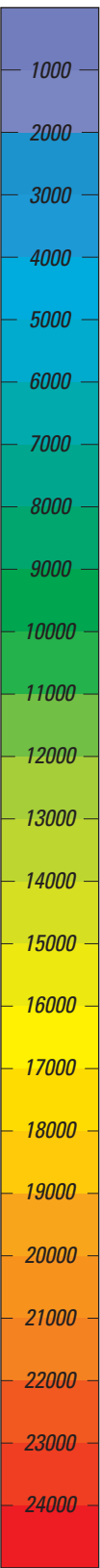


- EXPLANATION OF MAP SYMBOLS**
- Tertiary volcanic rocks
  - Frontier Formation outcrop
  - Precambrian rocks
  - Wind River Basin boundary
  - Faults**
    - Thrust fault—Sawtooth on upper late
    - Normal fault—Bar and ball on downthrown side
    - High-angle fault
  - Overburden contours—Showing overburden thickness to the base of the “chalk kick” marker bed
  - Index contours—Contour interval 5,000 feet
  - Intermediate contours—Contour interval 1,000 feet
  - Well locations—Wells drilled through the Niobrara interval
  - Well location—Estimated pick, wells drilled into the upper part of the Niobrara or overlying Cody Shale

Depth interval  
(in feet)



Base from U.S. Geological Survey, 2010, 1:2,000,000-scale digital data  
Lambert Conformal Conic projection  
North American Datum of 1983 (NAD 83)  
Standard parallels 41° and 45°; Central meridian, 107° 30'  
Latitude of origin 41°, meters

10°  
APPROXIMATE MEAN  
DECLINATION, 2018

SCALE 1:500,000  
0 10 20 30 40 MILES  
0 10 20 30 40 KILOMETERS  
ALTITUDE, AS USED IN THIS REPORT, REFERS TO DISTANCE ABOVE SEA LEVEL.



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# Map Showing Depth to the Base of the Niobrara Interval of the Upper Cretaceous Cody Shale in the Wind River Basin, Wyoming

By  
**Thomas M. Finn**  
2019