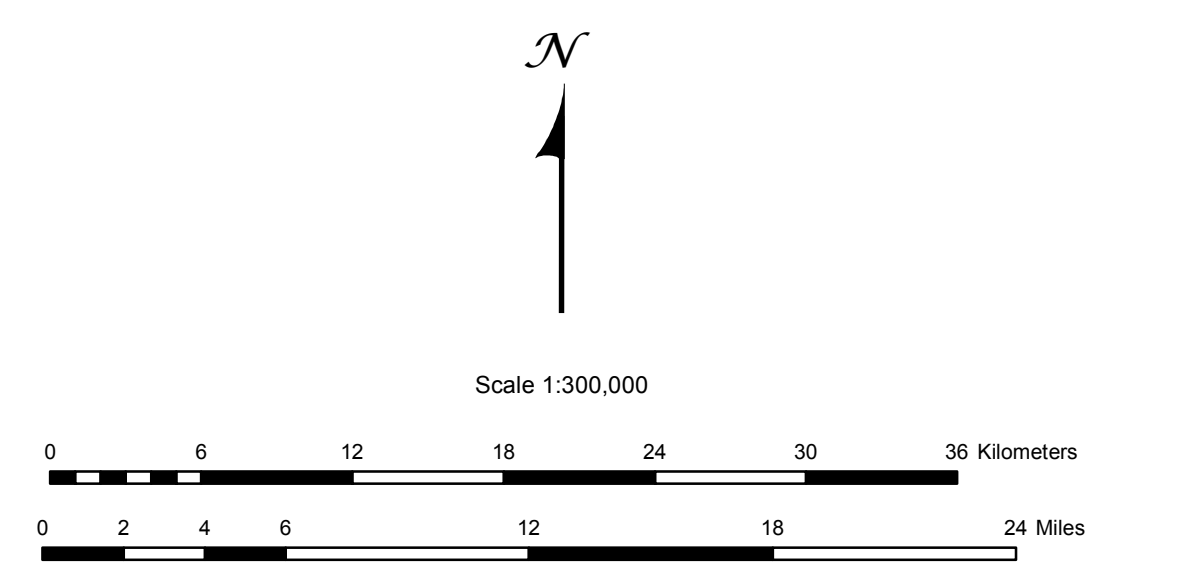


Reported Bottom Hole Temperatures, Wind River Basin, Wyoming

Compiled by
 John P. Flaherty and Seth J. Witke
 December, 2013



EXPLANATION

Fort Union Formation		Base Data
DEPTH (ft)	TEMP (°F)	
● <10,000	● <170	★ Capital
● 10,001 - 20,000	● 171 - 212	☆ County seat
● 20,001 - 25,000	● 213 - 300	□ Town
● 301 - 425	● 301 - 425	— Interstate highway
Tensleep Sandstone		— US highway
DEPTH (ft)	TEMP (°F)	— State highway
▲ <10,000	▲ <170	— County or other road
▲ 10,001 - 20,000	▲ 171 - 212	- - - County boundary
▲ 20,001 - 25,000	▲ 213 - 300	— Township boundary
▲ 301 - 425	▲ 301 - 425	— Approximate basin boundary
Various Formations		
DEPTH (ft)	TEMP (°F)	
■ <10,000	■ <170	
■ 10,001 - 20,000	■ 171 - 212	
■ 20,001 - 25,000	■ 213 - 300	
■ 301 - 425	■ 301 - 425	

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 Bottom Hole Temperatures (BHT) taken from well log header files found at the Wyoming Oil and Gas Conservation Commission (WOGCC - <http://wogcc.state.wy.us>) have not been corrected or checked for accuracy. This map shows temperatures and depths for the two formations/units with the greatest available BHT data and for a third group of units which combines all remaining records. The specific BHT data used to create the map can be found in the National Geothermal Data System (<http://repository.usgim.org/collection/>).

BASE MAP REFERENCES
 Bureau of Land Management, 2011, Cadastral National Spatial Data Infrastructure (CadNSDI) Public Land Survey System (PLSS) for Wyoming, at <http://www.geocommunicator.gov/geocomm/lis/home/home/index.htm>.
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 Wyoming Geographic Information Science Center, 1996, Cities, towns, census designated places of Wyoming at 1:100,000, at <http://pinney.wygis.wyo.edu/data/society/city.zip>.
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Map Projection: Lambert Conformal Conic
 False Easting: 500000, False Northing: 200000
 Central Meridian: -107.5 degrees
 Standard Parallel 1: 41 degrees North
 Standard Parallel 2: 45 degrees North
 Latitude Of Origin: 41 degrees North
 Linear Unit: Meter
 Horizontal Datum: North American Datum of 1983 (NAD 83)
 National Geodetic Vertical Datum of 1929

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