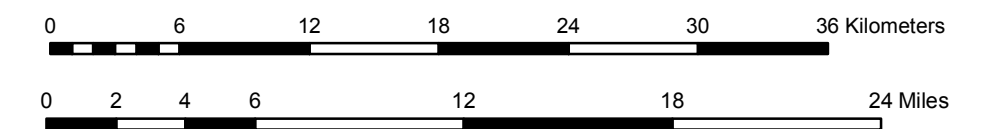


## Reported Bottom Hole Temperatures, Hanna, Shirley, and Laramie Basins, Wyoming

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



Scale 1:350,000



### EXPLANATION

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

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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.usgin.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/lsis\\_home/home/index.htm](http://www.geocommunicator.gov/geocomm/lsis_home/home/index.htm).
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- U.S. Geological Survey, 2002, The National Elevation Dataset: Photogrammetric Engineering and Remote Sensing, v. 68, no. 1, at <http://ned.usgs.gov>.
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