



**EXPLANATION**

<b>Phosporia Formation</b>		<b>Base Data</b>
DEPTH (ft)	TEMP (°F)	
● <10,000	● <170	
● 10,001 - 15,000	● 171 - 212	
● 15,001 - 25,000	● 213 - 300	★ Capital
● 301 - 425	● 301 - 425	☆ County seat
<b>Tensleep Sandstone</b>		□ Town
DEPTH (ft)	TEMP (°F)	— Interstate highway
▲ <10,000	▲ <170	— US highway
▲ 10,001 - 20,000	▲ 171 - 212	— State highway
▲ 20,001 - 25,000	▲ 213 - 300	— County or other road
▲ 301 - 425	▲ 301 - 425	— County boundary
<b>Various Formations</b>		▭ State boundary
DEPTH (ft)	TEMP (°F)	▭ Township boundary
■ <10,000	■ <170	▭ Approximate basin boundary
■ 10,001 - 20,000	■ 171 - 212	
■ 20,001 - 25,000	■ 213 - 300	
■ 301 - 425	■ 301 - 425	

**NOTICE TO USERS OF BOTTOM HOLE DATA ORIGIN/STATUS**

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/isis\\_home/home/index.htm](http://www.geocommunicator.gov/geocomm/isis_home/home/index.htm).  
 U.S. Census Bureau, 2010, Cartographic boundary files—states at 1:500,000, at [http://www.census.gov/geo/maps-data/data/cbf/cbf\\_state.html](http://www.census.gov/geo/maps-data/data/cbf/cbf_state.html).  
 U.S. Geological Survey, 2002, The National Elevation Dataset: Photogrammetric Engineering and Remote Sensing, v. 68, no. 1, at <http://ned.usgs.gov>.  
 Wyoming Geographic Information Science Center, 1996, Cities, towns, census designated places of Wyoming at 1:100,000, at <http://piney.wygis.sc.uwo.edu/data/society/city.zip>.  
 Wyoming Geographic Information Science Center, 1997, County boundaries for Wyoming at 1:100,000, at <http://piney.wygis.sc.uwo.edu/data/boundary/county.zip>.  
 Wyoming Geographic Information Science Center, 1997, State boundary of Wyoming at 1:100,000, at [http://piney.wygis.sc.uwo.edu/data/boundary/state\\_bnd.zip](http://piney.wygis.sc.uwo.edu/data/boundary/state_bnd.zip).  
 Wyoming Geographic Information Science Center, 1997, Wyoming roads at 1:100,000, at <http://piney.wygis.sc.uwo.edu/data/transportation/road100k.zip>.

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