



Reported Bottom Hole Temperatures, Denver/Julesburg Basin, Wyoming

Compiled by
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 December, 2013



Scale 1:375,000



EXPLANATION

- | | | |
|---------------------------|------------------|------------------|
| Niobrara Formation | | Base Data |
| DEPTH (ft) | TEMP (°F) | |
| ● <10,000 | ● <170 | |
| ● 10,001 - 20,000 | ● 171 - 210 | |
| ● 20,001 - 25,000 | ● 211 - 300 | |
| | ● 301 - 425 | |
| Dakota Formation | | |
| DEPTH (ft) | TEMP (°F) | |
| ▲ <10,000 | ▲ <170 | |
| ▲ 10,001 - 20,000 | ▲ 171 - 212 | |
| ▲ 20,001 - 25,000 | ▲ 213 - 300 | |
| | ▲ 301 - 425 | |
| Various Formations | | |
| DEPTH (ft) | TEMP (°F) | |
| ■ <10,000 | ■ <170 | |
| ■ 10,001 - 20,000 | ■ 171 - 212 | |
| ■ 20,001 - 25,000 | ■ 213 - 300 | |
| | ■ 301 - 425 | |
- ★ Capital
 - ☆ County seat
 - Town
 - Interstate highway
 - US highway
 - State highway
 - County or other road
 - - - County boundary
 - State boundary
 - Township boundary
 - Approximate basin boundary

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.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/lis_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.
- 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.wygisce.uwyo.edu/data/society/city.zip>.
- Wyoming Geographic Information Science Center, 1997, County boundaries for Wyoming at 1:100,000, at <http://piney.wygisce.uwyo.edu/data/boundary/county.zip>.
- Wyoming Geographic Information Science Center, 1997, State boundary of Wyoming at 1:100,000, at http://piney.wygisce.uwyo.edu/data/boundary/state_bnd.zip.
- Wyoming Geographic Information Science Center, 1997, Wyoming roads at 1:100,000, at <http://piney.wygisce.uwyo.edu/data/transportation/road100k.zip>.

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