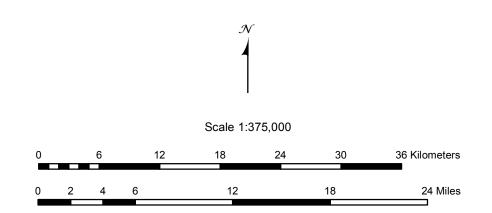
# Reported Bottom Hole Temperatures, Denver/Julesburg Basin, Wyoming

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



#### **EXPLANATION**

<b>Niobrara Formation</b>				Base Data	
	DEPTH (ft)	TE	MP (° F)	<b>★</b> Capital	
•	<10,000		<170	☆ County seat	
	10,001 - 20,000		171 - 210	,	
	20,001 - 25,000		211 - 300	□ Town	
			301 - 425	——— Interstate highway	
		<b>1</b> •		——— US highway	
	Dakota Formati DEPTH (ft)		n MP (°F)	——— State highway	
•	<10,000		<170	——— County or other road	
	10,001 - 20,000		171 - 212	— - County boundary	
	20,001 - 25,000		213 - 300 301 - 425	State boundary	
				Township boundary	
Various Formations				Approximate basin boundary	
	DEPTH (ft)	TE	MP (°F)	boundary	
	<10,000		<170		
	10,001 - 20,000		171 - 212		
	20,001 - 25,000		213 - 300		
			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.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 .

U.S. Census Bureau, 2010, Cartographic boundary files—states at 1:500,000, at http://www.census.gov/geo/mapsdata/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.wygisc.uwyo.edu/data/society/city.zip.

Wyoming Geographic Information Science Center, 1997, County boundaries for Wyoming at 1:100,000, at http://piney.wygisc.uwyo.edu/data/boundary/county.zip.

Wyoming Geographic Information Science Center, 1997, State boundary of Wyoming at 1:100,000, at

http://piney.wygisc.uwyo.edu/data/boundary/state bnd.zip.

Wyoming Geographic Information Science Center, 1997, Wyoming roads at 1:100,000, at http://piney.wygisc.uwyo.edu/data/transportation/road100k.zip.

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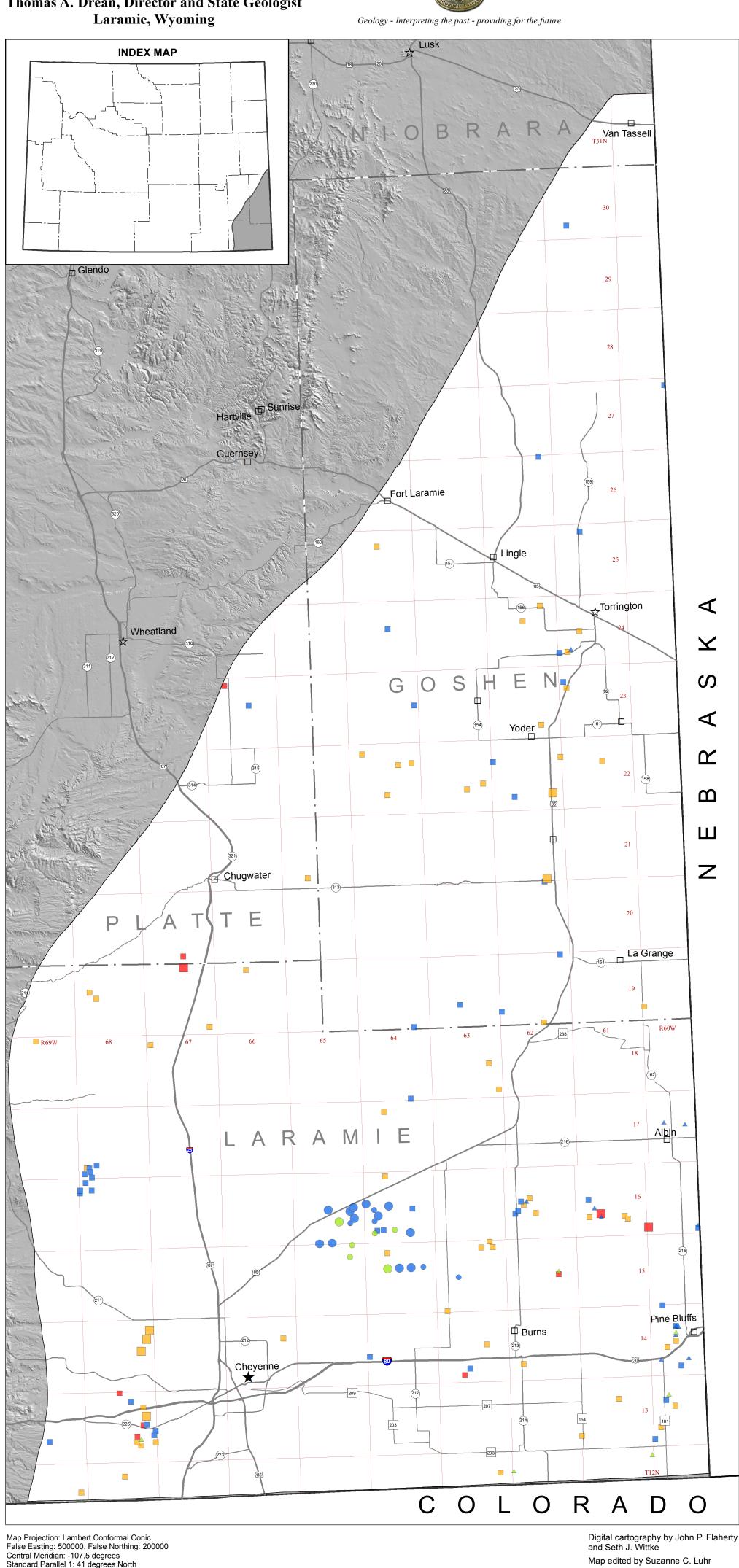
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Standard Parallel 1: 41 degrees North Standard Parallel 2: 45 degrees North Latitude Of Origin: 41 degrees North Horizontal Datum: North American Datum of 1983 (NAD 83)

National Geodetic Vertical Datum of 1929

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