

770650

County Dodge
Quad Pine Island
Quad ID 50B

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031

Entry Date12/14/2011

Update Date07/08/2015

Received Date12/15/2010

Well Name WIEBUSCH,	Township 108	Range 16	Dir W	Section 1	Subsection BADDCB	Well Depth 260 ft.	Depth Completed 260 ft.	Date Well Completed 11/01/2010																																							
Elevation 1103	Elev. Method	LiDAR 1m DEM (MNDNR)				Drill Method Air Rotary	Drill Fluid Foam																																								
Address						Use domestic	Status	Active																																							
Contact 2334 PINWOOD DR SHAKOPEE MN 55379						Well Hydrofractured? Yes ☐ No ☒ From To																																									
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>DRIFT</td><td>0</td><td>38</td><td>BROWN</td><td>SOFT</td></tr><tr><td>DRIFT</td><td>38</td><td>46</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SHALE</td><td>46</td><td>62</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>LIMESTONE</td><td>62</td><td>82</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>82</td><td>92</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SANDSTONE</td><td>92</td><td>192</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>LIMESTONE</td><td>192</td><td>260</td><td>GRAY</td><td>MEDIUM</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	DRIFT	0	38	BROWN	SOFT	DRIFT	38	46	GRAY	SOFT	SHALE	46	62	BLUE	MEDIUM	LIMESTONE	62	82	GRAY	MEDIUM	SHALE	82	92	BLUE	MEDIUM	SANDSTONE	92	192	GRAY	MEDIUM	LIMESTONE	192	260	GRAY	MEDIUM	Casing Type Single casing	Joint Welded
						Geological Material	From	To (ft.)	Color	Hardness																																					
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						LIMESTONE	192	260	GRAY	MEDIUM																																					
						Drive Shoe? Yes ☒ No ☐		Above/Below																																							
Casing Diameter		Weight	Hole Diameter																																												
4 in. To	216 ft.	lbs./ft.	12 in. To	46 ft.																																											
			8 in. To	216 ft.																																											
			4 in. To	260 ft.																																											
Open Hole						From 216 ft.	To 260 ft.																																								
Screen? ☐						Type	Make																																								
Static Water Level																																															
108 ft.						land surface	Measure	10/20/2010																																							
Pumping Level (below land surface)																																															
118 ft.						2 hrs.	Pumping at	15 g.p.m.																																							
Wellhead Completion																																															
Pitless adapter manufacturer						MONITOR	Model																																								
☐ Casing Protection						☐ 12 in. above grade																																									
☐ At-grade (Environmental Wells and Borings ONLY)																																															
Grouting Information						Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																									
Material						Amount	From	To																																							
neat cement						4.5 Cubic yards	0 ft.	216 ft.																																							
pearock						0.5 Cubic yards	46 ft.	92 ft.																																							
Nearest Known Source of Contamination																																															
50 feet						Direction	Type																																								
Well disinfected upon completion?						☒ Yes ☐ No																																									
Pump ☐ Not Installed						Date Installed	11/01/2010																																								
Manufacturer's name						GRUNDFOS																																									
Model Number						15SQE10-	HP 1	Volt 230																																							
Length of drop pipe						147 ft	Capacity 15 g.p.	Typ Submersible																																							
Abandoned																																															
Does property have any not in use and not sealed well(s)?						☐ Yes ☒ No																																									
Variance																																															
Was a variance granted from the MDH for this well?						☐ Yes ☒ No																																									
Miscellaneous																																															
First Bedrock						Decorah Shale	Aquifer	Prairie Du Chien																																							
Last Strat						Prairie Du Chien Group	Depth to Bedrock	46 ft																																							
Located by						Minnesota Geological Survey																																									
Locate Method						Digitization (Screen) - Map (1:24,000) (15 meters or																																									
System						UTM - NAD83, Zone 15, Meters	X 524796	Y 4893266																																							
Unique Number Verification						Tax Records	Input Date	08/12/2014																																							
Angled Drill Hole																																															
Well Contractor																																															
Thein Well Rochester, Inc.						2641	GOCHNAUER, B.																																								
Licensee Business						Lic. or Reg. No.	Name of Driller																																								