

580101

County Clay
Quad Barnesville
Quad ID 240B

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

Entry Date 06/21/1996
Update Date 03/10/2014
Received Date

Well Name THOMPSON, Elevation 988 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Well Depth 128 ft.		Depth Completed 126 ft.		Date Well Completed 04/19/1996																																																						
Address C/W 17487 150TH AV S BARNESVILLE MN 56514					Drill Method Non-specified Rotary		Drill Fluid Bentonite		Use domestic Status Active																																																						
Stratigraphy Information <table><thead><tr><th>Geological Material</th><th>From</th><th>To (ft.)</th><th>Color</th><th>Hardness</th></tr></thead><tbody><tr><td>TOPSOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>SILTY CLAY</td><td>2</td><td>15</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>15</td><td>25</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>25</td><td>40</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>40</td><td>44</td><td>GRAY</td><td>SOFT</td></tr><tr><td>GRAVEL/DIRTY</td><td>44</td><td>50</td><td>VARIED</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>50</td><td>54</td><td>GRAY</td><td>HARD</td></tr><tr><td>SAND/FINE</td><td>54</td><td>59</td><td>GRAY</td><td></td></tr><tr><td>SANDY CLAY</td><td>59</td><td>118</td><td>GRAY</td><td></td></tr><tr><td>SAND/ FINE</td><td>118</td><td>128</td><td>VARIED</td><td></td></tr></tbody></table>					Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	2	BLACK	SOFT	SILTY CLAY	2	15	BROWN	SOFT	SANDY CLAY	15	25	BROWN	SOFT	CLAY	25	40	GRAY	SOFT	SANDY CLAY	40	44	GRAY	SOFT	GRAVEL/DIRTY	44	50	VARIED	SOFT	SANDY CLAY	50	54	GRAY	HARD	SAND/FINE	54	59	GRAY		SANDY CLAY	59	118	GRAY		SAND/ FINE	118	128	VARIED		Well Hydrofractured? Yes ☐ No ☐ From To			
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Casing Type Single casing Joint																																																															
Drive Shoe? Yes ☐ No ☐ Above/Below																																																															
Casing Diameter 4 in. To 118 ft. Weight lbs./ft. Hole Diameter 6.7 in. To 128 ft.																																																															
Open Hole <table><thead><tr><th>From</th><th>ft.</th><th>To</th><th>ft.</th></tr></thead><tbody><tr><td colspan="4">Screen? ☒ Type stainless Make JOHNSON</td></tr><tr><td colspan="2">Diameter 4 in.</td><td colspan="2">Slot/Gauze 7</td></tr><tr><td colspan="2"></td><td colspan="2">Length 8 ft.</td></tr><tr><td colspan="2"></td><td colspan="2">Set 118 ft.</td></tr><tr><td colspan="2"></td><td colspan="2">Measure 126 ft.</td></tr></tbody></table>				From	ft.	To	ft.	Screen? ☒ Type stainless Make JOHNSON				Diameter 4 in.		Slot/Gauze 7				Length 8 ft.				Set 118 ft.				Measure 126 ft.																																					
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Static Water Level -1 ft. land surface Measure 04/19/1996																																																															
Pumping Level (below land surface) 84 ft. 1 hrs. Pumping at 30 g.p.m.																																																															
Wellhead Completion Pitless adapter manufacturer 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 7 Sacks 9 ft. 40 ft.																																																															
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																																															
Pump ☐ Not Installed Date Installed 04/23/1996 Manufacturer's name MYERS Model Number MYE3ST722 HP 0.75 Volt 230 Length of drop pipe 90 ft Capacity 20 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 Aquifer Quat. buried Last Strat sand Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 237553 Y 5174468 Unique Number Verification Tag on well Input Date 02/16/2010																																																															
Angled Drill Hole																																																															
Well Contractor L.t.p. Enterprises, Inc. 91686 SALAZAR, B. Licensee Business Lic. or Reg. No. Name of Driller																																																															

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