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County Carver
Quad Victoria
Quad ID 105C

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

Entry Date 06/24/2002
Update Date 08/10/2007
Received Date

Well Name SONG, Elevation 971 ft. Elev. Method CALC FROM 2-FOOT COUNTY DEM					Well Depth 438 ft.		Depth Completed 438 ft.		Date Well Completed 05/15/2002																													
Address Well 5225 212 HY CHASKA MN 55318 Contact 7025 GALPIN BL EXCELSIOR MN 55331					Drill Method Non-specified Rotary		Drill Fluid Qwik gel		Use domestic Status Active																													
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY</td><td>0</td><td>32</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY SAND</td><td>32</td><td>199</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>199</td><td>230</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY SAND</td><td>230</td><td>402</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND ROCK</td><td>402</td><td>438</td><td>WHITE</td><td>MEDIUM</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	32	BROWN	SOFT	CLAY SAND	32	199	GRAY	SOFT	CLAY	199	230	GRAY	SOFT	CLAY SAND	230	402	GRAY	MEDIUM	SAND ROCK	402	438	WHITE	MEDIUM	Well Hydrofractured? Yes ☐ No ☐		From To	
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					Casing Type Single casing		Joint Threaded																															
					Drive Shoe? Yes ☒ No ☐		Above/Below																															
					Casing Diameter 4 in. To 408 ft. 11 lbs./ft.		Hole Diameter 8.5 in. To 30 ft. 6.5 in. To 406 ft. 4 in. To 438 ft.																															
Open Hole From 408 ft. To 438 ft.																																						
Screen? ☐		Type Make																																				
Static Water Level 220 ft. land surface Measure 05/15/2002																																						
Pumping Level (below land surface) 252 ft. 1 hrs. Pumping at 40 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 high solids bentonite Amount 3 Sacks From 0 ft. To 30 ft.																																						
Nearest Known Source of Contamination 75 feet East Direction Septic tank/drain field Type Well disinfected upon completion? ☐ Yes ☐ No																																						
Pump ☐ Not Installed Date Installed 05/10/2002																																						
Manufacturer's name AIR MOTOR Model Number HP 2 Volt 220 Length of drop pipe 272 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 Jordan-St.Lawrence Aquifer Jordan-St. Last Strat Jordan-St.Lawrence Depth to Bedrock 402 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 448441 Y 4957469 Unique Number Verification Address verification Input Date 05/15/2007																																						
Angled Drill Hole																																						
Well Contractor Braunwarth Well Co. 10068 SCHMIEG, K. Licensee Business Lic. or Reg. No. Name of Driller																																						