

444794

County Chisago
Quad Forest Lake
Quad ID 134C

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

Entry Date 06/20/1991
Update Date 02/14/2014
Received Date

Well Name MIKRES, BRIAN	Township 33	Range 21	Dir W	Section 24	Subsection DBCAAD	Well Depth 94 ft.	Depth Completed 94 ft.	Date Well Completed 06/15/1988																				
Elevation 902 ft.	Elev. Method 7.5 minute topographic map (+/- 5 feet)	Drill Method Non-specified Rotary Drill Fluid Bentonite																										
Address Well 9908 JOHN TR CHISAGO CITY MN 55013						Use domestic Status Active																						
Stratigraphy Information						Well Hydrofractured? Yes ☐ No ☐ From To																						
<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>60</td><td></td><td></td></tr><tr><td>SAND</td><td>60</td><td>83</td><td></td><td></td></tr><tr><td>SAND AND GRAVEL</td><td>83</td><td>94</td><td></td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	60			SAND	60	83			SAND AND GRAVEL	83	94			Casing Type Single casing Joint Welded		
Geological Material	From	To (ft.)	Color	Hardness																								
CLAY	0	60																										
SAND	60	83																										
SAND AND GRAVEL	83	94																										
						Drive Shoe? Yes ☐ No ☒ Above/Below 1 ft.																						
						<table><tr><td>Casing Diameter</td><td>Weight</td><td>Hole Diameter</td></tr><tr><td>4 in. To 80 ft. 1.5 lbs./ft.</td><td></td><td>8 in. To 90 ft.</td></tr><tr><td>4 in. To 10 ft. 11 lbs./ft.</td><td></td><td></td></tr></table>			Casing Diameter	Weight	Hole Diameter	4 in. To 80 ft. 1.5 lbs./ft.		8 in. To 90 ft.	4 in. To 10 ft. 11 lbs./ft.													
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4 in. To 80 ft. 1.5 lbs./ft.		8 in. To 90 ft.																										
4 in. To 10 ft. 11 lbs./ft.																												
						Open Hole From ft. To ft.																						
						Screen? ☒ Type stainless Make JOHNSON																						
						Diameter Slot/Gauze Length Set																						
						2.5 in. 10 6 ft. 86 ft. 94 ft.																						
						Static Water Level																						
						10 ft. land surface Measure 06/15/1988																						
						Pumping Level (below land surface)																						
						50 ft. 3 hrs. Pumping at 25 g.p.m.																						
						Wellhead Completion																						
						Pitless adapter manufacturer SNAPPY 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 Sacks ft. 30 ft.																						
						Nearest Known Source of Contamination																						
						60 feet Northwes Direction Septic tank/drain field Type																						
						Well disinfected upon completion? ☒ Yes ☐ No																						
						Pump ☐ Not Installed Date Installed 07/13/1988																						
						Manufacturer's name MYERS																						
						Model Number S3N52 HP 0.5 Volt 230																						
						Length of drop pipe 50 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 Aquifer Quat. buried																						
						Last Strat sand +larger 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 507516 Y 5019636																						
						Unique Number Verification Address verification Input Date 02/05/2008																						
						Angled Drill Hole																						
						Well Contractor																						
						Mccullough & Sons 82054 MCCULLOUGH, J																						
						Licensee Business Lic. or Reg. No. Name of Driller																						