

711153

County Cass
Quad Mildred
Quad ID 253C

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

Entry Date
Update Date 06/01/2016
Received Date 11/29/2004

Well Name FISTMAN, PAT					Township 139	Range 30	Dir W	Section 24	Subsection BDCCBA	Well Depth 64 ft.					Depth Completed 64 ft.					Date Well Completed 09/20/2004									
Elevation 1350.9					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Cable Tool															Drill Fluid Bentonite				
Address Well 1020 27TH AV NW BACKUS MN 56435 Contact 1103 RAINY LAKE DR NW BACKUS MN 56435										Use domestic										Status Active									
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 3 BLACK GRAVEL & STONE 3 24 CLAY 24 37 BROWN WATER SAND 37 64										Well Hydrofractured? Yes ☐ No ☒										From To									
										Casing Type Single casing										Joint									
										Drive Shoe? Yes ☒ No ☐										Above/Below									
										Casing Diameter 4 in. To 60 ft.					Weight lbs./ft.					Hole Diameter 4 in. To 60 ft.									
										Open Hole From ft. To ft.																			
										Screen? ☒										Type stainless					Make JOHNSON				
										Diameter 3 in.					Slot/Gauze 12					Length 6.5 ft.					Set 60 ft.				
										Static Water Level 30 ft.					land surface					Measure 09/19/2004									
										Pumping Level (below land surface) 35 ft. 6 hrs. Pumping at 20 g.p.m.																			
										Wellhead Completion Pitless adapter manufacturer MAASS Model ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																			
Grouting Information Material Amount From To well grouted, type unknown 1 Sacks ft. 12 ft.																													
Nearest Known Source of Contamination 75 feet West Direction Well disinfected upon completion? ☒ Yes ☐ No										Sewer Type																			
Pump ☐ Not Installed Date Installed 09/20/2004 Manufacturer's name AERMOTOR Model Number HP 0.5 Volt Length of drop pipe 45 ft Capacity 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 GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 391553 Y 5188680 Unique Number Verification Tax Records Input Date 09/14/2015																													
Angled Drill Hole																													
Well Contractor Torgerson Well Co. 27056 TORGERSON, W Licensee Business Lic. or Reg. No. Name of Driller																													
Remarks																													