

613040

County Clay
Quad Borup
Quad ID 285A

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

Entry Date 09/24/2001
Update Date 03/10/2014
Received Date

Well Name LARSON,	Township 142	Range 46	Dir W	Section 8	Subsection BBBBCD	Well Depth 187 ft.	Depth Completed 185 ft.	Date Well Completed 06/29/2001
Elevation 904 ft.	Elev. Method CALC FROM 2-FOOT COUNTY DEM					Drill Method Non-specified Rotary	Drill Fluid Water	
Address Well 19948 120TH ST N BORUP MN 56519						Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness SOIL 0 1 BLACK SOFT CLAY 1 17 YELLOW SOFT CLAY 17 89 GRAY SOFT CLAY/GRAVEL 89 103 GRAY MEDIUM CLAY 103 112 GRAY M.HARD CLAY 112 157 GRAY MEDIUM CLAY/SAND 157 174 GRAY M.SOFT WATER 174 187						Well Hydrofractured? Yes ☐ No ☒ From To		
						Casing Type Single casing Joint Unknown		
						Drive Shoe? Yes ☐ No ☒ Above/Below		
						Casing Diameter Weight 4 in. To 180 ft. lbs./ft.		
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 2 in. 12 5 ft. 180 ft. 185 ft.		
						Static Water Level 6 ft. land surface Measure 06/29/2001		
						Pumping Level (below land surface) 185 ft. 2 hrs. Pumping at 35 g.p.m.		
						Wellhead Completion Pitless adapter manufacturer MONITOR Model 6PS45 ☐ 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 9 Sacks 7 ft. 30 ft.		
Nearest Known Source of Contamination <u>100</u> feet <u>North</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No						Pump ☐ Not Installed Date Installed <u>06/30/2001</u> Manufacturer's name AERMOTOR Model Number <u>12 AB</u> HP <u>0.5</u> Volt <u>230</u> Length of drop pipe <u>80</u> ft Capacity <u>12</u> g.p. Typ <u>Submersible</u>		
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 231364 Y 5226376 Unique Number Verification Tag on well Input Date 02/16/2010						Angled Drill Hole		
Well Contractor Olson Well Service 54134 OLSON, D. Licensee Business Lic. or Reg. No. Name of Driller								