

137545

County Otter Tail
Quad Perham
Quad ID 237D

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

Entry Date 04/17/1988
Update Date 09/04/2018
Received Date 02/05/1980

Well Name FRITZ, DENNIS					Township 135	Range 39	Dir W	Section 2	Subsection CBCBAB	Well Depth 66 ft.				Depth Completed 66 ft.				Date Well Completed 08/17/1979			
Elevation 1353					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary				Drill Fluid							
Address C/W PERHAM MN										Use domestic				Status Active							
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 33 BROWN SOFT CLAY AND GRAVEL 33 50 GRAY HARD SAND 50 58 BROWN SOFT SAND AND GRAVEL 58 66 BROWN SOFT										Well Hydrofractured? Yes ☐ No ☐				From To							
										Casing Type Single casing				Joint Threaded							
										Drive Shoe? Yes ☐ No ☒				Above/Below 1 ft.							
										Casing Diameter 4 in. To 62 ft. 11 lbs./ft.				Hole Diameter 6.2 in. To 66 ft.							
										Open Hole From ft. To ft.											
										Screen? ☒				Type stainless				Make JOHNSON			
										Diameter 4 in. 18				Slot/Gauze Length 4 ft. 62 ft. 66 ft.							
										Static Water Level 20 ft. land surface Measure 04/17/1979											
										Pumping Level (below land surface) 66 ft. 1 hrs. Pumping at 60 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 bentonite 0 0 ft. 30 ft.																					
Nearest Known Source of Contamination 65 feet North Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																					
Pump ☐ Not Installed Date Installed Manufacturer's name DEMING Model Number 3ALN HP 0.5 Volt 230 Length of drop pipe 42 ft Capacity 10 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-brown Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 302656 Y 5156504 Unique Number Verification Information from Input Date 01/15/1998																					
Angled Drill Hole																					
Well Contractor Antonsen Well Co. 56132 DAVE/JEFF Licensee Business Lic. or Reg. No. Name of Driller																					
Remarks																					