

772437

County Aitkin
Quad Garrison
Quad ID 210D

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

Entry Date 10/11/2010
Update Date 08/09/2017
Received Date 09/20/2010

Well Name ROTHER,	Township 45	Range 27	Dir Section W 29	Subsection DADCCC	Well Depth 72 ft.	Depth Completed 72 ft.	Date Well Completed 09/07/2010
Elevation 1268	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Cable Tool	Drill Fluid Water
Address Well 44138 232ND LA AITKIN MN 56431					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 18 MEDIUM LOAM & SAND 18 54 SOFT WATER SAND 54 72 MEDIUM					Well Hydrofractured? Yes ☐ No ☒ From To		
					Casing Type Single casing Joint Other		
					Drive Shoe? Yes ☒ No ☐ Above/Below		
					Casing Diameter Weight Hole Diameter 4 in. To 68 ft. 11 lbs./ft. 4 in. To ft.		
					Open Hole From ft. To ft.		
					Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 2 in. 15 6 ft. 68 ft. 72 ft.		
					Static Water Level 4 ft. land surface Measure 09/07/2010		
					Pumping Level (below land surface) 15 ft. 2 hrs. Pumping at 20 g.p.m.		
					Wellhead Completion Pitless adapter manufacturer MONITOR Model SNAPPY ☐ 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 4 Sacks ft. ft.		
Nearest Known Source of Contamination 65 feet North Direction Body of water Type Well disinfected upon completion? ☒ Yes ☐ No							
Pump ☐ Not Installed Date Installed 09/07/2010 Manufacturer's name SCHAEFER Model Number SERIES 4 HP 0.5 Volt 115 Length of drop pipe 20 ft Capacity 12 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. Water 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 440639 Y 5133090 Unique Number Verification Tax Records Input Date 02/23/2016							
Angled Drill Hole							
Well Contractor D and K Well and Pump 1669 OTTEN, D. Licensee Business Lic. or Reg. No. Name of Driller							