

496332

County Aitkin
Quad Isle
Quad ID 190B

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

Entry Date 03/12/1992
Update Date 01/03/2020
Received Date

Well Name NELSON, JEFF	Township 43	Range 24	Dir Section W 8	Subsection BCBACD	Well Depth 46 ft.	Depth Completed 46 ft.	Date Well Completed 10/07/1991
Elevation 1295	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite
Address Contact RR 2 BOX 110 ISLE MN 56342					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY & ROCKS 0 23 BROWN HARD CLAY & ROCKS 23 42 GRAY HARD SAND 42 46 GRAY SOFT					Well Hydrofractured? Yes ☐ No ☐ From To		
					Casing Type Single casing Joint		
					Drive Shoe? Yes ☐ No ☒ Above/Below 1 ft.		
					Casing Diameter Weight 4 in. To 42 ft. lbs./ft.		
					Open Hole From ft. To ft.		
					Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 2 in. 12 4 ft. 42 ft. 46 ft.		
					Static Water Level 17 ft. land surface Measure 10/07/1991		
					Pumping Level (below land surface) 25 ft. 1 hrs. Pumping at 9 g.p.m.		
					Wellhead Completion Pitless adapter manufacturer MAASS Model J ☐ 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 10 ft. 40 ft.		
Nearest Known Source of Contamination 50 feet Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No							
Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ							
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-gray Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 468602 Y 5118850 Unique Number Verification Site Plan Input Date 05/23/2017							
Angled Drill Hole							
Well Contractor A & M Drilling 48589 ROBB, D Licensee Business Lic. or Reg. No. Name of Driller							