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County Aitkin
Quad Thor
Quad ID 208B

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

Entry Date 12/13/2011
Update Date 01/09/2020
Received Date 12/02/2010

Well Name THRUN, JEFF	Township 46	Range 25	Dir Section W 10	Subsection BDBCAA	Well Depth 275 ft.	Depth Completed 275 ft.	Date Well Completed 11/08/2010
Elevation 1243	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary				Drill Fluid Bentonite	
Address Well 32623 NUTHATCH AV AITKIN MN 56431					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 18 BROWN GRANITE 18 275					Well Hydrofractured? Yes ☐ No ☒ From To		
					Casing Type Single casing Joint		
					Drive Shoe? Yes ☒ No ☐ Above/Below		
					Casing Diameter Weight Hole Diameter 6 in. To 25 ft. 19 lbs./ft. 8.7 in. To 25 ft. 6 in. To 275 ft.		
					Open Hole From 25 ft. To 275 ft.		
					Screen? ☐ Type Make		
					Static Water Level 20 ft. land surface Measure 11/08/2010		
					Pumping Level (below land surface) 147 ft. 1 hrs. Pumping at 4 g.p.m.		
					Wellhead Completion Pitless adapter manufacturer BAKER Model BULLDOG ☐ 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 0 ft. 18 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 Glen Township Formation Aquifer Glen Township Last Strat Glen Township Formation Depth to Bedrock 18 ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 462553 Y 5148190 Unique Number Verification Tax Records Input Date 02/23/2016							
Angled Drill Hole							
Well Contractor Major Drilling 2896 THILQUIST, J. Licensee Business Lic. or Reg. No. Name of Driller							

Remarks