

844969

County Otter Tail
Quad Little Pine
Quad ID 237A

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

Entry Date
Update Date 04/30/2021
Received Date 07/16/2020

Well Name LIEN, RON	Township 137	Range 39	Dir W	Section 35	Subsection BDBBAA	Well Depth 75 ft.	Depth Completed 75 ft.	Date Well Completed 06/19/2020			
Elevation 1339	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Qwik gel				
Address C/W 46742 CO HWY 51 PERHAM MN 56573						Use domestic	Status Active				
						Well Hydrofractured? Yes ☐ No ☒		From To			
						Casing Type Drive Shoe? Yes ☐ No ☐		Joint Above/Below			
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 5 BROWN SOFT CLAY 5 10 GRAY SOFT SAND 10 35 GRAY SOFT CLAY 35 60 GRAY SOFT SAND 60 75 GRAY SOFT						Casing Diameter 4 in. To 71 ft.		Weight lbs./ft.	Hole Diameter 8 in. To 75 ft.		
						Open Hole From ft. To ft.					
						Screen? ☒		Type stainless		Make JOHNSON	
						Diameter 4 in.		Slot/Gauze 20		Length 8 ft.	
								Set 71 ft.		To 75 ft.	
						Static Water Level 5 ft. land surface Measure 06/19/2020					
						Pumping Level (below land surface) 60 ft. 1 hrs. Pumping at 100 g.p.m.					
						Wellhead Completion Pitless adapter manufacturer SNAPPY Model 1 ☐ 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 ft. 50 ft.					
						Nearest Known Source of Contamination 60 feet North Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No					
Pump ☐ Not Installed Date Installed 06/19/2020 Manufacturer's name GRUNDFOS Model Number 10 HP 0.75 Volt 230 Length of drop pipe 20 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 Last Strat Depth to Bedrock ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 302645 Y 5168363 Unique Number Verification Info/GPS from data Input Date 06/26/2020											
Angled Drill Hole											
Well Contractor Neyens Well Drilling, Inc. 2128 NEYENS, JAMES Licensee Business Lic. or Reg. No. Name of Driller											