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County Otter Tail
Quad Lake
Quad ID 238B

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

Entry Date
Update Date 01/25/2022
Received Date 04/01/2021

Well Name DAVIS, JEFF	Township 137	Range 41	Dir Section W 31	Subsection ACDBCB	Well Depth 67 ft.	Depth Completed 67 ft.	Date Well Completed 08/04/2020
Elevation 1398	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite
Address Well 46596 OTTER SHORES VERGAS MN 56587					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness TOP SOIL 0 2 BLACK SOFT CLAY 2 18 BROWN HARD GRAVEL 18 60 BROWN SOFT SAND 60 67 GRY/WHT SFT-HRD					Well Hydrofractured? Yes ☐ No ☒ From To		
					Casing Type Single casing Joint		
					Drive Shoe? Yes ☐ No ☒ Above/Below		
					Casing Diameter Weight Hole Diameter 4 in. To 63 ft. lbs./ft. 7.8 in. To 20 ft. 6.7 in. To 67 ft.		
					Open Hole From ft. To ft.		
					Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 15 4 ft. 63 ft. 67 ft.		
					Static Water Level 30 ft. land surface Measure 08/13/2020		
					Pumping Level (below land surface) 67 ft. 2 hrs. Pumping at 40 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 3 Sacks ft. 50 ft.		
Nearest Known Source of Contamination <u>75</u> feet <u>East</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No							
Pump ☐ Not Installed Date Installed <u>08/13/2020</u> Manufacturer's name FLO-WISE Model Number <u>P10S05</u> HP <u>0.5</u> Volt <u>230</u> Length of drop pipe <u>50</u> ft Capacity <u>10</u> g.p. Typ <u>Submersible</u>							
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 277578 Y 5169057 Unique Number Verification Info/GPS from data Input Date 11/02/2021							
Angled Drill Hole							
Well Contractor Antonsen Well Drilling, Inc. 2147 CANTON, C. Licensee Business Lic. or Reg. No. Name of Driller							