

798841

County Otter Tail
Quad Lake
Quad ID 238B

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

Entry Date 03/19/2014
Update Date 07/09/2018
Received Date 02/03/2014

Well Name WEIXEL,					Township 137	Range 42	Dir W	Section 16	Subsection CAADBB	Well Depth 157 ft.					Depth Completed 157 ft.					Date Well Completed 07/24/2013													
Elevation 1343					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary															Drill Fluid Additive (+ Bentonite)								
Address Well 49341 FISH LAKE RD PELICAN RAPIDS MN 56572 Contact 4680 WELLINGTON CT WOODBURY MN 55125										Use domestic															Status Active								
Stratigraphy Information										Well Hydrofractured? Yes ☐ No ☐ From To																							
										Casing Type Single casing															Joint								
										Drive Shoe? Yes ☐ No ☐ Above/Below																							
Geological Material										From	To (ft.)	Color	Hardness	Casing Diameter											Weight				Hole Diameter				
TOP SOIL										0	1	BLACK	SOFT	4 in. To 152 ft.											lbs./ft.				6.7 in. To 157 ft.				
SAND										1	6	BROWN	SOFT																				
SAND										6	13	GRAY	SOFT																				
SANDY CLAY										13	29	BLUE	SOFT																				
CLAY										29	54	BLUE	SOFT																				
CLAY SAND										54	99	BLUE	HARD																				
SANDY CLAY										99	145	BLUE	SOFT																				
SAND COBBLE										145	157	WHITE	HARD																				
										Open Hole															From	ft.	To	ft.					
										Screen? ☒ Type stainless Make JOHNSON																							
										Diameter ☐ Slot/Gauze Length Set																							
										4 in. 18 5 ft. 152 ft. 157 ft.																							
										Static Water Level																							
										2 ft. land surface Measure 07/24/2013																							
										Pumping Level (below land surface)																							
										157 ft. 1 hrs. Pumping at 80 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																							
										55 feet West Direction Other 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 +larger-white Depth to Bedrock ft																							
										Located by Minnesota Geological Survey																							
										Locate Method GPS SA Off (averaged) (15 meters)																							
										System UTM - NAD83, Zone 15, Meters X 270926 Y 5173881																							
										Unique Number Verification Site Plan Input Date 12/15/2017																							
										Angled Drill Hole																							
										Well Contractor																							
										Antonsen Well Drilling, Inc. 2147 HADEN																							
										Licensee Business Lic. or Reg. No. Name of Driller																							
Remarks NEAREST CONTAMINATION-TYPE=OUT HOUSE																																	