

543063

County Otter Tail
Quad Lake Lida
Quad ID 238C

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

Entry Date 09/22/1996
Update Date 07/30/2018
Received Date 07/23/1996

Well Name RIVELAND, PAT	Township 136	Range 42	Dir W	Section 15	Subsection BAACDC	Well Depth 93 ft.	Depth Completed 93 ft.	Date Well Completed 06/19/1996
Elevation 1321	Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Jetted	Drill Fluid Water	
Address						Use domestic	Status Active	
Contact RR 1 BOX 228 JAMESTOWN ND 58401						Well Hydrofractured? Yes ☐ No ☐ From To		
Well RR 3 PELICAN RAPIDS MN 56572						Casing Type Single casing Joint Threaded		
Stratigraphy Information						Drive Shoe? Yes ☒ No ☐ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight		
SOIL		0	2	BLACK		2 in. To 89 ft. 3.75 lbs./ft.		
GRAVEL		2	8	TAN				
CLAY		8	18	BLUE	SOFT			
STICKY CLAY		18	83	BLUE	M.HARD			
CLAY		83	88	BLUE	HARD			
MIXED SAND		88	93	TAN				
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON		
						Diameter Slot/Gauze Length Set		
						1.2 in. 10 4 ft. 89 ft. 93 ft.		
						Static Water Level		
						2 ft. land surface Measure 06/19/1996		
						Pumping Level (below land surface)		
						ft. hrs. Pumping at 16 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 ft. ft.		
						Nearest Known Source of Contamination		
						53 feet Northwes Direction Sewer 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-brown Depth to Bedrock ft		
						Located by Minnesota Geological Survey		
						Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)		
						System UTM - NAD83, Zone 15, Meters X 273226 Y 5164803		
						Unique Number Verification Emergency Input Date 01/15/1998		
						Angled Drill Hole		
						Well Contractor		
						Bengtson Well Co. 56076 BENGTSON, M.		
						Licensee Business Lic. or Reg. No. Name of Driller		