

134099

County Lake
Quad
Quad ID

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

Entry Date
Update Date 05/11/2018
Received Date

Well Name BETTY'S PIES					Township 53	Range 10	Dir Section W 29	Subsection ABA	Well Depth 228 ft.		Depth Completed 228 ft.		Date Well Completed 12/06/1999							
Elevation					Elev. Method					Drill Method		Drill Fluid								
Address C/W 1633 61 HY TWO HARBORS MN 55616									Use domestic		Status Sealed									
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 12 RED LEDGE 12 220 RED									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 15 ft.		lbs./ft.		6 in. To 220 ft.							
									Open Hole		From 15 ft.		To 220 ft.							
									Screen? ☐		Type		Make							
									Static Water Level		16 ft.		land surface		Measure		12/06/1999			
									Pumping Level (below land surface)											
									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														
neat cement		38 Sacks		8 ft.		228 ft.														
Nearest Known Source of Contamination																				
feet		Direction		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																		
Last Strat		Depth to Bedrock ft																		
Located by																				
Locate Method																				
System		UTM - NAD83, Zone 15, Meters		X		Y														
Unique Number Verification		Input Date																		
Angled Drill Hole																				
Well Contractor																				
Rasmussen Well Co.		38019		RASMUSSEN, L.																
Licensee Business		Lic. or Reg. No.		Name of Driller																