

600049

County Kanabec
Quad Quamba
Quad ID 171B

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

Entry Date 07/01/1999
Update Date 04/27/2015
Received Date

Well Name MILLER, RANDY 40					Township 23					Range W 29					Dir Section DACABB					Subsection					Well Depth 96 ft.					Depth Completed 96 ft.					Date Well Completed 12/11/1997														
Elevation 1049					Elev. Method 7.5 minute topographic map (+/- 5 feet)																				Drill Method Non-specified Rotary					Drill Fluid Bentonite																			
Address																									Use domestic										Status Active														
Contact BOX 333 MORA MN 55051																									Well Hydrofractured?					Yes ☐					No ☒					From					To				
Well 2333 OLYMPIC ST MORA MN 55051																									Casing Type Single casing										Joint Threaded														
Stratigraphy Information																									Drive Shoe?					Yes ☒					No ☐					Above/Below									
Geological Material										From					To (ft.)					Color					Hardness					Casing Diameter					Weight					Hole Diameter									
CLAY										0					16					BROWN					SOFT					4 in. To 78 ft. 11 lbs./ft.					8 in. To 78 ft.														
GRAVEL										16					28					DARK					MEDIUM										4 in. To 96 ft.														
CLAY & ROCKS										28					74					BROWN					MEDIUM																								
SANDSTONE										74					96					VARIED					HARD																								
																									Open Hole					From 78 ft.					To 96 ft.														
Screen? ☐																									Type										Make														
Static Water Level																									40 ft.					null										Measure					12/08/1997				
Pumping Level (below land surface)																									50 ft.					2 hrs.					Pumping at					40					g.p.m.				
Wellhead Completion																									Pitless adapter manufacturer					BAKER					Model					SNAPPY									
☐ 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					ft.					ft.																			
high solids bentonite										3 Sacks																																							
Nearest Known Source of Contamination																									60 feet					East Direction					<u>Septic tank/drain field</u>					Type									
Well disinfected upon completion?																									☒ Yes					☐ No																			
Pump ☐ Not Installed																									Date Installed					12/11/1997																			
Manufacturer's name																									FLINT & WALLING																								
Model Number										HP					0.5					Volt					230																								
Length of drop pipe										60 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					Hinckley Sandstone					Aquifer					Hinckley									
Last Strat										Hinckley Sandstone					Depth to Bedrock					74					ft																								
Located by Minnesota Geological Survey																																																	
Locate Method Digitization (Screen) - Map (1:12,000) (>15 meters)																																																	
System										UTM - NAD83, Zone 15, Meters					X 482203					Y 5085660																													
Unique Number Verification										Address verification					Input Date					05/17/2013																													
Angled Drill Hole																																																	
Well Contractor																									Bill's Well					33655					SUTTON, G														
Licensee Business										Lic. or Reg. No.					Name of Driller																																		