

685442

County Becker
Quad Rochert
Quad ID 258C

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

Entry Date 01/31/2003
Update Date 07/03/2014
Received Date

Well Name HUKRIEDE,					Township 139	Range 40	Dir W	Section 24	Subsection CBCBBA	Well Depth 203 ft.					Depth Completed 203 ft.					Date Well Completed 11/22/2002									
Elevation 1485					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary					Drill Fluid Bentonite														
Address Well 18303 29 CH DETROIT LAKES MN 56501 Contact 50579 GOOD OAK LA FRAZEE MN 56544										Use domestic					Status Active														
Stratigraphy Information										Well Hydrofractured? Yes ☐ No ☒					From To														
Geological Material										Casing Type Single casing					Joint														
ROCK & CLAY										Drive Shoe? Yes ☐ No ☒					Above/Below														
SANDY CLAY										Casing Diameter					Weight					Hole Diameter									
SAND										4 in. To					199 ft. 1 lbs./ft.					8.3 in. To 30 ft.									
SANDY CLAY										57					64					6.2 in. To 203 ft.									
CLAY & ROCK										139					194														
SAND										194					203					GRAY									
										Open Hole					From					ft. To									
										Screen? ☒					Type stainless					Make JOHNSON									
										Diameter					Slot/Gauze					Length					Set				
										2 in.					12					4 ft.					199 ft. 203 ft.				
										Static Water Level					64 ft.					land surface					Measure 10/21/2002				
										Pumping Level (below land surface)					198 ft.					1 hrs.					Pumping at 20 g.p.m.				
										Wellhead Completion					Pitless adapter manufacturer					MONITOR					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									
										high solids bentonite					3 Sacks					0 ft. 30 ft.									
										Nearest Known Source of Contamination					feet					Direction					Type				
										Well disinfected upon completion?					☒ Yes ☐ No														
										Pump ☐ Not Installed					Date Installed					11/18/2002									
										Manufacturer's name					STA-RITE														
										Model Number					10P4D02J					HP 0.75					Volt 230				
										Length of drop pipe					140 ft					Capacity 15 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					Aquifer					Quat. buried				
										Last Strat					sand-gray					Depth to Bedrock					ft				
										Located by					Minnesota Geological Survey														
										Locate Method					GPS SA Off (averaged) (15 meters)														
										System					UTM - NAD83, Zone 15, Meters					X 294975 Y 5190594									
										Unique Number Verification					Tax Records					Input Date 04/15/2014									
										Angled Drill Hole																			
										Well Contractor					Nevis Well Drilling					29383					MIKESH, P.				
										Licensee Business					Lic. or Reg. No.					Name of Driller									
Remarks																													