

601173

County Cass
Quad Roosevelt
Quad ID 251C

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

Entry Date 05/12/1998
Update Date 08/06/2015
Received Date 11/10/1997

Well Name MORITZ, RANDY 139					Township 26		Range W 35		Dir Section AABADB		Well Depth 60 ft.		Depth Completed 60 ft.		Date Well Completed 10/07/1997			
Elevation 1299.6					Elev. Method LiDAR 1m DEM (MNDNR)							Drill Method Non-specified Rotary		Drill Fluid Bentonite				
Address																		
Contact					HC 3 BOX 21 EMILY MN 56447													
Well					330 SOUTH LAKE LAWRENCE RD NE OUTING MN 56662													
Stratigraphy Information																		
Geological Material					From		To (ft.)		Color		Hardness							
SAND					0		20		BROWN		SOFT							
CLAY					20		43		GRAY		MEDIUM							
SAND					43		60		BLUE		SOFT							
Well Hydrofractured? Yes ☐ No ☒ From To																		
Casing Type Single casing Joint																		
Drive Shoe? Yes ☐ No ☐ Above/Below																		
Casing Diameter					Weight					Hole Diameter								
4 in. To					55 ft. lbs./ft.					8 in. To 60 ft.								
Open Hole From ft. To ft.																		
Screen? ☒ Type stainless Make JOHNSON																		
Diameter					Slot/Gauze		Length		Set									
2 in.					15		5 ft.		55 ft.		60 ft.							
Static Water Level																		
25 ft.					land surface					Measure		10/07/1997						
Pumping Level (below land surface)																		
40 ft.					1 hrs.		Pumping at		25 g.p.m.									
Wellhead Completion																		
Pitless adapter manufacturer					BAKER					Model		BOLT-ON						
☐ 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					6 Sacks					0 ft.		45 ft.						
Nearest Known Source of Contamination																		
70 feet					West Direction					Septic tank/drain field		Type						
Well disinfected upon completion?					☐ Yes		☐ No											
Pump ☐ Not Installed Date Installed 10/07/1997																		
Manufacturer's name					STAYRITE													
Model Number					SIGNATURE		HP 0.5		Volt 110									
Length of drop pipe					40 ft		Capacity 12 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 429352		Y 5185284						
Unique Number Verification					Tax Records					Input Date		05/29/2015						
Angled Drill Hole																		
Well Contractor																		
Lambert Well Co.					18434					LAMBERT, VERN								
Licensee Business					Lic. or Reg. No.					Name of Driller								
Remarks																		