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County Itasca
Quad
Quad ID

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

Entry Date 03/27/2023
Update Date 03/27/2023
Received Date 12/06/2022

Well Name KOSSOW,	Township 146	Range 25	Dir W	Section 22	Subsection DCC	Well Depth 105 ft.	Depth Completed 105 ft.	Date Well Completed 06/25/2022
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid Bentonite	
Address						Use domestic	Status Active	
Well 125 CR DEER RIVER MN 56636						Well Hydrofractured? Yes ☐ No ☒ From To		
Contact 1001 DIVISION ST DEER RIVER MN 56636						Casing Type Joint		
Stratigraphy Information						Drive Shoe? Yes ☐ No ☒ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight Hole Diameter		
TPO SOIL		0	1	BROWN	SOFT	4 in. To 100 ft. lbs./ft. 7.8 in. To 105 ft.		
SANDY CLAY		1	14	BROWN	MEDIUM			
ROCKY CLAY GRAVEL		14	56	GRAY	HARD			
FINE SAND		56	62	GRAY	SOFT			
ROCKY CLAY GRAVEL		62	97	GRAY	HARD			
EVEN MED SANDS		97	105	BROWN	SOFT			
						Open Hole From ft. To ft.		
						Screen? ☒ Type steel (non- Make JOHNSON		
						Diameter Slot/Gauze Length Set		
						3 in. 12 5 ft. 100 ft. 105 ft.		
						Static Water Level		
						39 ft. land surface Measure 06/25/2022		
						Pumping Level (below land surface)		
						105 ft. 2 hrs. Pumping at 25 g.p.m.		
						Wellhead Completion		
						Pitless adapter manufacturer SIMMONS 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 Sacks 0 ft. 50 ft.		
						other 50 ft. 105 ft.		
						Nearest Known Source of Contamination		
						250 feet West Direction Livestock watering Type		
						Well disinfected upon completion? ☒ Yes ☐ No		
						Pump ☐ Not Installed Date Installed 05/25/2022		
						Manufacturer's name GOULD		
						Model Number 100505 HP 0.5 Volt 115		
						Length of drop pipe 80 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		
						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		
						Runyan Well Drilling 1903 LANDEY, S		
						Licensee Business Lic. or Reg. No. Name of Driller		
Remarks								