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County Roseau
Quad
Quad ID

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

Entry Date 06/29/2001
Update Date 03/11/2005
Received Date

Well Name OTTO,	Township 162	Range 40	Dir W	Section 17	Subsection CDD	Well Depth 167 ft.	Depth Completed 167 ft.	Date Well Completed 10/06/2000
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid Bentonite	
Address						Use domestic	Status Active	
Contact 22681 CTY, RD 15 ROSEAU MN 56751						Well Hydrofractured? Yes ☐ No ☒ From To		
Well SH ROSEAU MN 56751						Casing Type Single casing Joint		
Stratigraphy Information						Drive Shoe? Yes ☐ No ☒ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight Hole Diameter		
GRAVEL		0	35	VARIED	SOFT	4 in. To 162 ft. lbs./ft. 8 in. To 30 ft.		
CLAY		35	50	BROWN	SOFT	6.2 in. To 162 ft.		
CLAY		50	160	BLUE	HARD			
SAND / FINE		160	167	BLUE	SOFT			
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON		
						Diameter Slot/Gauze Length Set		
						2 in. 12 5 ft. 162 ft. 167 ft.		
						Static Water Level		
						Pumping Level (below land surface)		
						90 ft. 2 hrs. Pumping at 8 g.p.m.		
						Wellhead Completion		
						Pitless adapter manufacturer SNAPPY Model 4X1		
						☒ 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 4 Sacks 8 ft. 30 ft.		
						Nearest Known Source of Contamination		
						feet North Direction Septic tank/drain field Type		
						Well disinfected upon completion? ☒ Yes ☐ No		
						Pump ☐ Not Installed Date Installed		
						Manufacturer's name STA-RITE		
						Model Number 2000 HP 0.5 Volt 230		
						Length of drop pipe 150 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 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		
						Byfuglien Water Well Drilling 68692 BYFUGLIEN, M.		
						Licensee Business Lic. or Reg. No. Name of Driller		