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County Stearns
Quad
Quad ID

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

Entry Date 09/18/2002
Update Date 03/11/2005
Received Date

Well Name HARDEN,	Township 126	Range 29	Dir W	Section 12	Subsection ABB
Elevation	Elev. Method				
Address					
Well 7943 17 CR RICE MN 56367					
Contact BOX 307 SAUK RAPIDS MN 56379					
Stratigraphy Information					
Geological Material		From	To (ft.)	Color	Hardness
SAND & GRAVEL		0	6	BROWN	SOFT
CLAY		6	37	BROWN	MEDIUM
SAND GRAVEL		37	53	BROWN	SOFT
CLAY		53	56	GRAY	MEDIUM
MARL		56	60	BLUE	MEDIUM
Well Depth 60 ft. Depth Completed 53 ft. Date Well Completed 08/02/2002					
Drill Method Non-specified Rotary		Drill Fluid Bentonite			
Use domestic				Status Active	
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 49 ft.		lbs./ft.		6.7 in. To 60 ft.	
Open Hole From ft. To ft.					
Screen? ☒ Type plastic Make JOHNSON					
Diameter		Slot/Gauze Length		Set	
4 in. 18		4 ft.		49 ft. 53 ft.	
Static Water Level					
13 ft.		land surface		Measure 08/02/2002	
Pumping Level (below land surface)					
53 ft.		1 hrs. Pumping at		40 g.p.m.	
Wellhead Completion					
Pitless adapter manufacturer		MAASS		Model 4J1	
☐ 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.	
cuttings				30 ft. 40 ft.	
Nearest Known Source of Contamination					
feet		Direction		Type	
Well disinfected upon completion? ☒ Yes ☐ No					
Pump ☐ Not Installed Date Installed 08/08/2002					
Manufacturer's name RED JACKET					
Model Number 12G9		HP 0.5		Volt 230	
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			
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					
Traut M.J. Well Co.		71536		ROBBIE, ART	
Licensee Business		Lic. or Reg. No.		Name of Driller	
Remarks					