

401481

County Cass
Quad Mildred
Quad ID 253C

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

Entry Date 02/27/1989
Update Date 11/15/2016
Received Date 10/11/1984

Well Name STEHR,DONALD					Township 139	Range 30	Dir W	Section 24	Subsection DCCDAB	Well Depth 59 ft.	Depth Completed 59 ft.	Date Well Completed 10/03/1984
Elevation 1331					Elev. Method		7.5 minute topographic map (+/- 5 feet)					
Address												
Contact					RR 1 BOX 205 BACKUS MN 56435							
Stratigraphy Information												
Geological Material					From	To (ft.)	Color	Hardness				
TOP SOIL					0	2	BLACK					
CLAY					2	7	GRAY					
SAND, GRAVEL					7	18	BROWN					
SAND, GRAVEL					18	38	BLUE					
GRAVEL COARSE					38	41	BLUE					
SAND, GRAVEL					41	59	BLUE					
Use irrigation Status Active												
Well Hydrofractured? Yes ☐ No ☐ From To												
Casing Type Single casing Joint Welded												
Drive Shoe? Yes ☐ No ☒ Above/Below 1 ft.												
Casing Diameter					Weight			Hole Diameter				
12 in. To					39	ft.	lbs./ft.	12 in. To 59 ft.				
Open Hole From ft. To ft.												
Screen? ☒ Type stainless Make DOERR												
Diameter					Slot/Gauze Length			Set				
12 in.					80	20	ft.	39	ft.	59	ft.	
Static Water Level												
7 ft.					land surface			Measure		10/03/1984		
Pumping Level (below land surface)												
29 ft.					12	hrs.	Pumping at	1000		g.p.m.		
Wellhead Completion												
Pitless adapter manufacturer 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					10	Cubic yards		ft.		ft.		
Nearest Known Source of Contamination												
feet					Direction					Type		
Well disinfected upon completion? ☒ Yes ☐ No												
Pump ☐ Not Installed Date Installed												
Manufacturer's name												
Model Number					HP			Volt				
Length of drop pipe					ft	Capacity	g.p.		Typ			
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. Water				
Last Strat					sand +larger-gray			Depth to Bedrock		ft		
Located by Minnesota Geological Survey												
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or												
System					UTM - NAD83, Zone 15, Meters			X	392047	Y	5187874	
Unique Number Verification					Site Plan			Input Date		05/17/2016		
Angled Drill Hole												
Well Contractor												
Blue Water Well Co.					73413			WALLACE, T.				
Licensee Business					Lic. or Reg. No.			Name of Driller				