

639057

County Sherburne
Quad Becker
Quad ID 138A

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

Entry Date 06/04/2001
Update Date 11/05/2010
Received Date

Well Name KNUTSON,				Township 35	Range 28	Dir W	Section 32	Subsection CABABA	Well Depth 50 ft.	Depth Completed 50 ft.	Date Well Completed 10/01/2000																								
Elevation 1004				Elev. Method 7.5 minute topographic map (+/- 5 feet)		Drill Method Non-specified Rotary						Drill Fluid																							
Address Well 6300 149TH AV										Use domestic		Status Active																							
Stratigraphy Information										Well Hydrofractured? Yes ☐ No ☒			From To																						
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SAND</td><td>0</td><td>15</td><td>BROWN</td><td></td></tr><tr><td>CLAY & HARDPAN</td><td>15</td><td>46</td><td>BROWN</td><td></td></tr><tr><td>WATER SAND</td><td>46</td><td>50</td><td></td><td></td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	SAND	0	15	BROWN		CLAY & HARDPAN	15	46	BROWN		WATER SAND	46	50			Casing Type Single casing			Joint		
Geological Material	From	To (ft.)	Color	Hardness																															
SAND	0	15	BROWN																																
CLAY & HARDPAN	15	46	BROWN																																
WATER SAND	46	50																																	
Drive Shoe? Yes ☐ No ☒										Above/Below																									
Casing Diameter 4 in.										Weight 45 ft. lbs./ft.																									
Open Hole										From	ft.	To	ft.																						
Screen? ☒										Type stainless		Make JOHNSON																							
Diameter 4 in.										Slot/Gauze 10		Length 6.5 ft.		Set 45 ft. 50 ft.																					
Static Water Level										24 ft.		land surface		Measure 09/10/2000																					
Pumping Level (below land surface)										40 ft.		3 hrs.		Pumping at 20 g.p.m.																					
Wellhead Completion										Pitless adapter manufacturer		SNAPPY		Model																					
☐ Casing Protection										☒ 12 in. above grade																									
☐ At-grade (Environmental Wells and Borings ONLY)																																			
Grouting Information										Well Grouted?		☒ Yes ☐ No ☐ Not Specified																							
Material neat cement										Amount 2 Sacks		From 0 ft.		To 30 ft.																					
Nearest Known Source of Contamination										100 feet		South Direction		Septic tank/drain field Type																					
Well disinfected upon completion?										☐ Yes ☐ No																									
Pump ☐ Not Installed										Date Installed		10/01/2000																							
Manufacturer's name										AERMOTOR																									
Model Number										T12-50		HP 0.5		Volt 230																					
Length of drop pipe										31 ft		Capacity 11 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		Depth to Bedrock		ft																					
Located by										Minnesota Geological Survey																									
Locate Method										GPS SA Off (averaged) (15 meters)																									
System										UTM - NAD83, Zone 15, Meters		X 433201		Y 5036528																					
Unique Number Verification										Address verification		Input Date		06/22/2010																					
Angled Drill Hole																																			
Well Contractor										Bjorklund S.r. Well		71550		TORGERSON WEL																					
Licensee Business										Lic. or Reg. No.		Name of Driller																							