

458622

County Sherburne
Quad Big Lake
Quad ID 137C

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

Entry Date01/13/1992

Update Date02/14/2014

Received Date

Well Name SANFORD, JIM					Township 33	Range 27	Dir W	Section 17	Subsection DDADDC	Well Depth 140 ft.		Depth Completed 140 ft.		Date Well Completed 03/14/1990																																			
Elevation 933 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid Revert																																					
Address Contact19292 43 CR BIG LAKE MN 55353										Use irrigation						Status Active																																	
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOP SOIL</td><td>0</td><td>3</td><td>BLACK</td><td>SOFT</td></tr><tr><td>SAND AND GRAVEL</td><td>3</td><td>41</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>41</td><td>58</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SANDY CLAY AND</td><td>58</td><td>93</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SIMON SANDSTONE</td><td>93</td><td>140</td><td>WHITE</td><td>MEDIUM</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	3	BLACK	SOFT	SAND AND GRAVEL	3	41	BROWN	SOFT	SANDY CLAY	41	58	BROWN	SOFT	SANDY CLAY AND	58	93	BROWN	MEDIUM	SIMON SANDSTONE	93	140	WHITE	MEDIUM	Well Hydrofractured?		Yes ☐		No ☐		From		To	
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										SIMON SANDSTONE	93	140	WHITE	MEDIUM																																			
										Casing Type		Single casing		Joint		Welded																																	
										Drive Shoe?		Yes ☐		No ☐		Above/Below																																	
										Casing Diameter		Weight		Hole Diameter																																			
12 in. To		96 ft.		lbs./ft.		18 in. To		96 ft.																																									
						11. in. To		140 ft.																																									
Open Hole		From		96 ft.		To		140 ft.																																									
Screen? ☐		Type		Make																																													
Static Water Level 19 ft. land surface Measure 03/01/1990																																																	
Pumping Level (below land surface) 46 ft. 1 hrs. Pumping at 600 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 neat cement 2.5 Cubic yards 0 ft. 96 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 Eau Claire Formation Aquifer Mt.Simon Last Strat Mt.Simon Sandstone Depth to Bedrock 58 ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 443854 Y 5021521 Unique Number Verification Name on mailbox Input Date 01/03/2011																																																	
Angled Drill Hole																																																	
Well Contractor Traut M.J. Well Co. 71536 ROB/DENNIS Licensee Business Lic. or Reg. No. Name of Driller																																																	