

828202

County Sherburne
Quad
Quad ID

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

Entry Date 04/19/2020
Update Date 04/20/2020
Received Date 07/12/2018

Well Name POWELL HOMES 34	Township 34	Range 26	Dir W	Section 14	Subsection DCC	Well Depth 94 ft.	Depth Completed 94 ft.	Date Well Completed 03/15/2018																									
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid Qwik gel																										
Address Well 24671 140 ST ZIMMERMAN MN 55398						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>50</td><td>TAN</td><td>SOFT</td></tr><tr><td>FIRM SAND & GRAVEL</td><td>50</td><td>64</td><td>BROWN</td><td></td></tr><tr><td>FIRM CLAY</td><td>64</td><td>78</td><td>BROWN</td><td></td></tr><tr><td>SAND</td><td>78</td><td>84</td><td>TAN</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SAND	0	50	TAN	SOFT	FIRM SAND & GRAVEL	50	64	BROWN		FIRM CLAY	64	78	BROWN		SAND	78	84	TAN	SOFT	Casing Type Single casing	Joint	
Geological Material	From	To (ft.)	Color	Hardness																													
SAND	0	50	TAN	SOFT																													
FIRM SAND & GRAVEL	50	64	BROWN																														
FIRM CLAY	64	78	BROWN																														
SAND	78	84	TAN	SOFT																													
						Drive Shoe? Yes ☐ No ☐	Above/Below																										
						Casing Diameter 4 in. To 84 ft.	Weight lbs./ft.	Hole Diameter 6.7 in. To 94 ft.																									
						Open Hole From ft. To ft.																											
						Screen? ☒	Type plastic	Make BIG FOOT																									
						Diameter 4 in.	Slot/Gauze 10	Length 10 ft.																									
							Set 84 ft.	94 ft.																									
						Static Water Level 25 ft.	land surface	Measure 03/01/2018																									
						Pumping Level (below land surface) 90 ft.	1 hrs.	Pumping at 30 g.p.m.																									
						Wellhead Completion Pitless adapter manufacturer	AQUA SEAL	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																									
						cuttings		50 ft. 74 ft.																									
						other	3 Sacks	74 ft. 94 ft.																									
						high solids bentonite	4 Sacks	ft. 50 ft.																									
						Nearest Known Source of Contamination 50 feet	North Direction	Septic tank/drain field Type																									
						Well disinfected upon completion?	☐ Yes ☐ No																										
						Pump ☐ Not Installed	Date Installed	03/15/2018																									
						Manufacturer's name	FLOWISE																										
						Model Number	HP 0.5	Volt 230																									
						Length of drop pipe 40 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																										
						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 Bjorklund Co., Inc., The	1429	BJORKLUND, S.																									
						Licensee Business	Lic. or Reg. No.	Name of Driller																									