

639089

County Sherburne
Quad Princeton
Quad ID 154D

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

Entry Date02/06/2003

Update Date01/14/2011

Received Date

Well Name PETERSON,	Township 35	Range 26	Dir W	Section 11	Subsection BCDDCA	Well Depth 125 ft.	Depth Completed 125 ft.	Date Well Completed 11/23/2002																														
Elevation 959 ft.	Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary	Drill Fluid Bentonite																															
Address Well11004 313TH AV PRINCETON MN 55371						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>DIRT</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>FINE SAND</td><td>2</td><td>10</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>SAND</td><td>10</td><td>52</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY & SAND</td><td>52</td><td>115</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SAND</td><td>115</td><td>125</td><td>TAN</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	DIRT	0	2	BLACK	SOFT	FINE SAND	2	10	YELLOW	SOFT	SAND	10	52	BROWN	SOFT	CLAY & SAND	52	115	BROWN	SOFT	SAND	115	125	TAN		Casing Type Single casing	Joint Unknown	
Geological Material	From	To (ft.)	Color	Hardness																																		
DIRT	0	2	BLACK	SOFT																																		
FINE SAND	2	10	YELLOW	SOFT																																		
SAND	10	52	BROWN	SOFT																																		
CLAY & SAND	52	115	BROWN	SOFT																																		
SAND	115	125	TAN																																			
						Drive Shoe? Yes ☐ No ☐	Above/Below																															
						Casing Diameter 4 in.	Weight To 115 ft.	Hole Diameter lbs./ft. 6.5 in.																														
								To 125 ft.																														
						Open Hole From	ft.	To																														
							ft.																															
						Screen? ☒	Type plastic	Make BIG FOOT																														
						Diameter 4 in.	Slot/Gauze 8	Length 10 ft.																														
							Set 115 ft.	ft. 125 ft.																														
						Static Water Level 5 ft.	land surface	Measure																														
								11/23/2002																														
						Pumping Level (below land surface) 100 ft.	1 hrs.	Pumping at																														
							30	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 Material	Well Grouted? ☒ Yes	☐ No																														
							☐ Not Specified																															
						Amount	From	To																														
						neat cement	3	0 ft.																														
						cuttings	30	ft. 30 ft.																														
							115	ft.																														
						Nearest Known Source of Contamination feet	Direction	Type																														
						Well disinfected upon completion?	☐ Yes	☐ No																														
						Pump ☐ Not Installed	Date Installed	11/23/2002																														
						Manufacturer's name	RED JACKET																															
						Model Number	HP	Volt																														
						Length of drop pipe	40 ft.	Capacity																														
						13	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-brown	Depth to Bedrock																														
								ft																														
						Located by	Minnesota Geological Survey																															
						Locate Method	GPS SA Off (averaged) (15 meters)																															
						System	UTM - NAD83, Zone 15, Meters	X 457231 Y 5042848																														
						Unique Number Verification	Address verification	Input Date																														
								11/02/2010																														
						Angled Drill Hole																																
						Well Contractor Bjorklund S.r. Well71550BJORKLAND, S.																																
						Licensee BusinessLic. or Reg. No.Name of Driller																																