

722233

County Isanti
Quad Wyanett
Quad ID 153C

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

Entry Date 01/09/2006
Update Date 08/18/2014
Received Date 07/01/2005

Well Name KNUTSON, JIM	Township 36	Range 25	Dir Section W 27	Subsection ACBBCD	Well Depth 82 ft.	Depth Completed 82 ft.	Date Well Completed 07/01/2005																											
Elevation 925 ft.	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary				Drill Fluid Bentonite																												
Address Well 6766 338TH AV NW PRINCETON MN					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>33</td><td>BROWN</td><td>SOFT</td></tr><tr><td>GRAVEL</td><td>33</td><td>55</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SAND</td><td>55</td><td>72</td><td>BROWN</td><td>SOFT</td></tr><tr><td>GRAVEL & SAND</td><td>72</td><td>82</td><td>BROWN</td><td>SOFT</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	SAND	0	33	BROWN	SOFT	GRAVEL	33	55	BROWN	SOFT	SAND	55	72	BROWN	SOFT	GRAVEL & SAND	72	82	BROWN	SOFT	Casing Type Single casing				Joint Glued
Geological Material	From	To (ft.)	Color	Hardness																														
SAND	0	33	BROWN	SOFT																														
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SAND	55	72	BROWN	SOFT																														
GRAVEL & SAND	72	82	BROWN	SOFT																														
					Drive Shoe? Yes ☐ No ☒ Above/Below																													
					Casing Diameter 4 in. To 77 ft. 0 lbs./ft.				Hole Diameter 8.5 in. To 82 ft.																									
					Open Hole From ft. To ft.																													
					Screen? ☒ Type stainless Make JOHNSON																													
					Diameter Slot/Gauze Length Set																													
					2 in. 7 8 ft. 74 ft. 82 ft.																													
					Static Water Level 3 ft. land surface Measure 07/01/2005																													
					Pumping Level (below land surface) 74 ft. 2 hrs. Pumping at 30 g.p.m.																													
					Wellhead Completion Pitless adapter manufacturer MONTIOR Model SNAPPY ☐ 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																													
					high solids bentonite 8 Sacks 0 ft. 77 ft.																													
					Nearest Known Source of Contamination 26 feet Northwes Direction Sewer Type																													
					Well disinfected upon completion? ☒ Yes ☐ No																													
					Pump ☐ Not Installed Date Installed 07/11/2005																													
					Manufacturer's name RED JACKET																													
					Model Number 50F211 HP 0.5 Volt 230																													
					Length of drop pipe 40 ft Capacity 10 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. Water																													
					Last Strat sand +larger-brown 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 465642 Y 5047776																													
					Unique Number Verification Address verification Input Date 07/22/2014																													
					Angled Drill Hole																													
					Well Contractor Mork Well Co., Inc. 02730 GOODIN, GREGG Licensee Business Lic. or Reg. No. Name of Driller																													