

710586

County Todd
Quad
Quad ID

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

Entry Date
Update Date 01/09/2014
Received Date 11/29/2004

Well Name ED & BETTY	Township 127	Range 35	Dir Section W 21	Subsection ABD	Well Depth 113 ft.	Depth Completed 113 ft.	Date Well Completed 09/13/2004																														
Elevation	Elev. Method				Drill Method Non-specified Rotary	Drill Fluid Qwik gel																															
Address C/W 300 WILLIAMS ST WEST UNION MN 56389					Use domestic	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>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>2</td><td>18</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>18</td><td>24</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>24</td><td>97</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>97</td><td>113</td><td>BROWN</td><td>MEDIUM</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK	SOFT	CLAY	2	18	BROWN	MEDIUM	SAND	18	24	BROWN	MEDIUM	CLAY	24	97	GRAY	MEDIUM	SAND	97	113	BROWN	MEDIUM	Well Hydrofractured? Yes ☐ No ☒ From To		
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					Casing Type Single casing Joint																																
					Drive Shoe? Yes ☐ No ☒ Above/Below																																
					Casing Diameter 4 in. To 105 ft. lbs./ft.			Hole Diameter 8 in. To 113 ft.																													
Open Hole From ft. To ft.																																					
Screen? ☒ Type stainless Make JOHNSON																																					
Diameter Slot/Gauze Length Set																																					
4 in. 12 8 ft. 105 ft. 113 ft.																																					
Static Water Level 37 ft. land surface Measure 09/13/2004																																					
Pumping Level (below land surface) 112 ft. 1 hrs. Pumping at 40 g.p.m.																																					
Wellhead Completion Pitless adapter manufacturer MAASS Model 4J1 ☐ 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 3 Sacks 0 ft. 30 ft.																																					
Nearest Known Source of Contamination 55 feet West Direction Septic tank/drain field Type Well disinfected upon completion? ☐ Yes ☐ No																																					
Pump ☐ Not Installed Date Installed 09/17/2004 Manufacturer's name GRUNDFOS Model Number SQE HP 1 Volt 230 Length of drop pipe 80 ft Capacity 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 Traut S.M. Well Co. 21535 CHRIS/DEAN Licensee Business Lic. or Reg. No. Name of Driller																																					