

698780

County Anoka
Quad Coon
Quad ID 120A

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

Entry Date

Update Date03/16/2010

Received Date09/20/2007

Well Name HENTGES,					Township 32	Range 24	Dir W	Section 21	Subsection CBBBBD	Well Depth 227 ft.			Depth Completed 227 ft.			Date Well Completed 11/05/2006																																									
Elevation 898 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary			Drill Fluid Bentonite																																												
Address Well15255 ROUND LAKE BL NW ANDOVER MN 55304										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>SAND</td><td>0</td><td>35</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY & GRAVEL</td><td>35</td><td>60</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>60</td><td>65</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY & GRAVEL</td><td>65</td><td>80</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>80</td><td>140</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>140</td><td>165</td><td>GRAY</td><td>HARD</td></tr><tr><td>CLAY & GRAVEL</td><td>165</td><td>215</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>GRAVEL</td><td>215</td><td>227</td><td>BROWN</td><td>SOFT</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	SAND	0	35	BROWN	SOFT	CLAY & GRAVEL	35	60	GRAY	MEDIUM	SAND	60	65	BROWN	SOFT	CLAY & GRAVEL	65	80	BROWN	MEDIUM	CLAY	80	140	BROWN	MEDIUM	CLAY	140	165	GRAY	HARD	CLAY & GRAVEL	165	215	GRAY	MEDIUM	GRAVEL	215	227	BROWN	SOFT	Well Hydrofractured? Yes ☐ No ☒ From To		
										Geological Material	From	To (ft.)	Color	Hardness																																											
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										GRAVEL	215	227	BROWN	SOFT																																											
Casing Type Single casing			Joint																																																						
Drive Shoe? Yes ☒ No ☐			Above/Below																																																						
Casing Diameter 4 in. To 223 ft.			Weight lbs./ft.			Hole Diameter 8.5 in. To 30 ft. 6.5 in. To 223 ft.																																																			
Open Hole Fromft.Toft.																																																									
Screen? ☒			Type stainless			Make JOHNSON																																																			
DiameterSlot/GauzeLengthSet			4 in.124 ft.223 ft.			227 ft.																																																			
Static Water Level 32 ft. land surface			Measure			11/05/2006																																																			
Pumping Level (below land surface) 38 ft. 3 hrs. Pumping at			50 g.p.m.																																																						
Wellhead Completion Pitless adapter manufacturer			WHITEWATER			Model SU4X5.5																																																			
☐ Casing Protection			☒ 12 in. above grade																																																						
☐ At-grade (Environmental Wells and Borings ONLY)																																																									
Grouting Information			Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																						
Material			Amount			FromTo																																																			
high solids bentonite			3 Sacks			ft. 30 ft.																																																			
Nearest Known Source of Contamination 75 feet			Northeas Direction			Septic tank/drain field Type																																																			
Well disinfected upon completion?			☒ Yes ☐ No																																																						
Pump ☐ Not Installed			Date Installed			11/05/2006																																																			
Manufacturer's name			AERMOTOR																																																						
Model Number			T12-50 HP 0.5			Volt 220																																																			
Length of drop pipe			40 ft Capacity 12 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			gravel (+larger)-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 472823 Y 5010565																																																			
Unique Number Verification			Address verification			Input Date 01/04/2010																																																			
Angled Drill Hole																																																									
Well Contractor Hadden Well Co., Inc.			1530			HADDEN, M.																																																			
Licensee Business			Lic. or Reg. No.			Name of Driller																																																			