

110987

County Martin
Quad Wilmert
Quad ID 14C

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

Entry Date 04/13/1988
Update Date 08/21/2023
Received Date

Well Name HALLSTROM,					Township 101	Range 30	Dir W	Section 9	Subsection ADDDDB	Well Depth 217 ft.		Depth Completed 217 ft.		Date Well Completed 07/25/1978																																																								
Elevation 1219					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid																																																										
Address										Use domestic		Status Sealed																																																										
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOPSOIL</td><td>0</td><td>4</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>4</td><td>14</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>14</td><td>53</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SAND & GRAVEL</td><td>53</td><td>55</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>55</td><td>110</td><td>BLUE</td><td>SOFT</td></tr><tr><td>ROCK</td><td>110</td><td>111</td><td>BROWN</td><td>HARD</td></tr><tr><td>SHALE</td><td>111</td><td>140</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SHALE</td><td>140</td><td>160</td><td>RED</td><td>SOFT</td></tr><tr><td>SHALE</td><td>160</td><td>195</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SANDSTONE</td><td>195</td><td>217</td><td>WHITE</td><td>SOFT</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	4	BLACK	SOFT	CLAY	4	14	YELLOW	SOFT	CLAY	14	53	BLUE	SOFT	SAND & GRAVEL	53	55	BROWN	SOFT	CLAY	55	110	BLUE	SOFT	ROCK	110	111	BROWN	HARD	SHALE	111	140	BLUE	SOFT	SHALE	140	160	RED	SOFT	SHALE	160	195	BLUE	SOFT	SANDSTONE	195	217	WHITE	SOFT	Well Hydrofractured? Yes ☐ No ☐		From		To	
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SANDSTONE	195	217	WHITE	SOFT																																																																		
Casing Type Single casing		Joint Welded																																																																				
Drive Shoe? Yes ☒ No ☐		Above/Below 2 ft.																																																																				
Casing Diameter 5 in.		Weight 210 lbs./ft.																																																																				
Open Hole From		ft.		To		ft.																																																																
Screen? ☒		Type Slot/Gauze		other		Make JOHNSON																																																																
Diameter		Length		Set																																																																		
5 in.		12 ft.		5 ft.		212 ft. 217 ft.																																																																
Static Water Level 90 ft. land surface Measure 07/25/1978																																																																						
Pumping Level (below land surface) 120 ft. 2 hrs. Pumping at 18 g.p.m.																																																																						
Wellhead Completion Pitless adapter manufacturer 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 0 ft. 195 ft.																																																																						
Nearest Known Source of Contamination 75 feet West Direction Feedlot Type Well disinfected upon completion? ☒ Yes ☐ No																																																																						
Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ																																																																						
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 Cretaceous undiff. Aquifer Cretaceous, Last Strat Cretaceous undiff. Depth to Bedrock 110 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 384667 Y 4824658 Unique Number Verification Input Date 01/01/1990																																																																						
Angled Drill Hole																																																																						
Well Contractor Stecker Well Co. 90466 STECKER, A. Licensee Business Lic. or Reg. No. Name of Driller																																																																						