

735854

County Anoka
Quad Centerville
Quad ID 119A

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

Entry Date 04/09/2007
Update Date 03/31/2010
Received Date 09/18/2006

Well Name HULS, HARLAN				Township 31	Range 22	Dir W	Section 9	Subsection BCACCA	Well Depth 230 ft.	Depth Completed 230 ft.	Date Well Completed 07/24/2006									
Elevation 909 ft.				Elev. Method 7.5 minute topographic map (+/- 5 feet)		Drill Method Non-specified Rotary						Drill Fluid								
Address Well 858 LOIS LA LINO LAKES MN 55014									Use domestic			Status Active								
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 28 BROWN CLAY 28 48 GRAY SANDY CLAY 48 80 BROWN FINE SAND 80 98 BROWN CLAY & GRAVEL 98 140 BROWN CLAY 140 220 BROWN SAND 220 230 BROWN									Well Hydrofractured? Yes ☐ No ☒ From To											
									Casing Type Single casing				Joint							
									Drive Shoe? Yes ☐ No ☒ Above/Below											
									Casing Diameter 4 in. To 226 ft.				Weight lbs./ft.				Hole Diameter 8 in. To 230 ft.			
									Open Hole From ft. To ft.											
									Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 15 4 ft. 226 ft. 230 ft.											
									Static Water Level 22 ft. land surface Measure 07/24/2006											
									Pumping Level (below land surface) 230 ft. 1 hrs. Pumping at 60 g.p.m.											
									Wellhead Completion Pitless adapter manufacturer SNAPPY Model 1" ☐ 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 ft. 30 ft.											
Nearest Known Source of Contamination 90 feet North Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No																				
Pump ☐ Not Installed Date Installed 07/28/2006 Manufacturer's name GRUNDFOS Model Number SQE HP 1 Volt 230 Length of drop pipe 60 ft Capacity 22 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 492242 Y 5004224 Unique Number Verification Address verification Input Date 01/20/2010																				
Angled Drill Hole																				
Well Contractor Barott Drilling Services, Inc. 1860 BAROTT Licensee Business Lic. or Reg. No. Name of Driller																				