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County Chisago
Quad Lindstrom
Quad ID 134A

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

Entry Date 07/15/1997
Update Date 02/14/2014
Received Date

Well Name KELLEY,					Township 34	Range 20	Dir W	Section 5	Subsection AACAAD	Well Depth 190 ft.					Depth Completed 190 ft.					Date Well Completed 04/02/1996																			
Elevation 902 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary										Drill Fluid Bentonite																			
Address C/W 35799 VIBO TR LINDSTROM MN 55045										Use domestic										Status Active																			
Stratigraphy Information Geological Material From To (ft.) Color Hardness GRAVEL & CLAY 0 45 BROWN MEDIUM SAND & CLAY 45 120 RED SOFT CLAY, ROCKS 120 168 RED HARD GRAVEL 168 190 VARIED MEDIUM										Well Hydrofractured? Yes ☐ No ☐										From To																			
										Casing Type Single casing										Joint Glued																			
										Drive Shoe? Yes ☐ No ☒										Above/Below																			
										Casing Diameter 4 in.					Weight 186 ft.					Hole Diameter 8 in.					30 ft.														
																				6.2 in.					190 ft.														
										Open Hole From ft. To ft.																													
										Screen? ☒										Type stainless					Make JOHNSON														
										Diameter 4 in.										Slot/Gauze 15					Length 4 ft.					Set 186 ft.					190 ft.				
										Static Water Level 43 ft.										land surface					Measure					04/02/1996									
										Pumping Level (below land surface) 50 ft.										2 hrs.					Pumping at					30 g.p.m.									
Wellhead Completion Pitless adapter manufacturer MONITOR Model BULLDOG ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																							
Grouting Information Material Amount From To high solids bentonite 3 Sacks 0 ft. 30 ft. cuttings 30 ft. 186 ft.																																							
Nearest Known Source of Contamination 65 feet Northwes Direction Well disinfected upon completion? ☒ Yes ☐ No Septic tank/drain field Type																																							
Pump ☐ Not Installed Date Installed 04/02/1996 Manufacturer's name AERMOTOR Model Number T12-50 HP 0.5 Volt 230 Length of drop pipe 80 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) 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 510893 Y 5034902 Unique Number Verification Tag on well Input Date 02/22/2002																																							
Angled Drill Hole																																							
Well Contractor Husnik Well Co. 13525 HUSNIK, J. Licensee Business Lic. or Reg. No. Name of Driller																																							
Remarks																																							