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County Dakota
Quad Hastings
Quad ID 87A

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

Entry Date 05/05/1999
Update Date 07/11/2018
Received Date 03/08/1999

Well Name LIKES, PETER					Township 115	Range 17	Dir W	Section 26	Subsection DABADB	Well Depth 180 ft.				Depth Completed 180 ft.				Date Well Completed 11/06/1998									
Elevation 695 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary				Drill Fluid Bentonite													
Address C/W 2900 4TH ST E HASTINGS MN 55033										Use domestic										Status Active							
Stratigraphy Information Geological Material From To (ft.) Color Hardness GRAVEL/LIMEROCK 0 40 BROWN MEDIUM SAND 40 60 BROWN SOFT LIMEROCK 60 75 BROWN HARD SANDROCK 85 180 YEL/ORN SOFT										Well Hydrofractured? Yes ☐ No ☐										From To							
										Casing Type Single casing										Joint Welded							
										Drive Shoe? Yes ☒ No ☐										Above/Below							
										Casing Diameter 4 in. To 162 ft.										Weight 10.79 lbs./ft.				Hole Diameter 12 in. To 40 ft.			
																								8 in. To 162 ft.			
																								4 in. To 180 ft.			
										Open Hole From 162 ft. To 180 ft.																	
										Screen? ☐										Type				Make			
Static Water Level 20 ft. land surface										Measure				10/19/1998													
Pumping Level (below land surface)																											
Wellhead Completion Pitless adapter manufacturer MAASS Model ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																											
Grouting Information Material Amount From To neat cement 2 Cubic yards 0 ft. 162 ft.										Well Grouted? ☒ Yes ☐ No ☐ Not Specified																	
Nearest Known Source of Contamination 67 feet East Direction Well disinfected upon completion? ☒ Yes ☐ No										Septic tank/drain field Type																	
Pump ☐ Not Installed Date Installed 10/19/1998 Manufacturer's name RED JACKET Model Number 75CNSI HP 0.75 Volt Length of drop pipe 63 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 Prairie Du Chien Group Aquifer Jordan Last Strat Jordan Sandstone Depth to Bedrock 60 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 514610 Y 4953849 Unique Number Verification Address verification Input Date 09/09/2005																											
Angled Drill Hole																											
Well Contractor Carlson Well Maher,t 19302 BOB/PAUL Licensee Business Lic. or Reg. No. Name of Driller																											
Remarks DRILLERS: BOB KAASE/PAUL MOELLER.																											