

Minnesota Unique Well Number		County Dakota		MINNESOTA DEPARTMENT OF HEALTH		Entry Date 07/29/1991	
427005		Quad Hastings		WELL AND BORING REPORT		Update Date 04/18/2018	
		Quad ID 87A		Minnesota Statutes Chapter 1031		Received Date	
Well Name E.R.H. GRAIN Township 114 Range 17 Dir Section W 13 Subsection BBAAAA				Well Depth 175 ft. Depth Completed 175 ft. Date Well Completed 06/25/1987			
Elevation 824 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)				Drill Method Non-specified Rotary Drill Fluid Other			
Address C/W 180TH ST E HASTINGS MN 55033				Use domestic Status Active			
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND & GRAVEL 0 175 BROWN MEDIUM				Well Hydrofractured? Yes No From To Casing Type Single casing Joint Welded Drive Shoe? Yes X No Above/Below 1 ft.			
				Casing Diameter Weight Hole Diameter 4 in. To 168 ft. 10.79 lbs./ft. 6 in. To 168 ft.			
				Open Hole From ft. To ft.			
				Screen? X Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 2 in. 18 4 ft. 168 ft. 175 ft.			
				Static Water Level 100 ft. land surface Measure 06/25/1987			
				Pumping Level (below land surface) 100 ft. 24 hrs. Pumping at 15 g.p.m.			
				Wellhead Completion Pitless adapter manufacturer Model Casing Protection X 12 in. above grade At-grade (Environmental Wells and Borings ONLY)			
				Grouting Information Well Grouted? X Yes No Not Specified Material Amount From To bentonite 0 ft. 168 ft.			
				Nearest Known Source of Contamination 80 feet West Direction Septic tank/drain field Type Well disinfected upon completion? X Yes No			
				Pump Not Installed Date Installed 06/25/1987 Manufacturer's name FAIRBANKS Model Number 4D15021 HP 1.5 Volt 230 Length of drop pipe 147 ft Capacity 10 g.p. Typ Submersible			
				Abandoned Does property have any not in use and not sealed well(s)? Yes X No			
				Variance Was a variance granted from the MDH for this well? Yes No			
				Miscellaneous First Bedrock Aquifer Quat. Water Last Strat sand +larger-brown 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 515226 Y 4948252 Unique Number Verification Address verification Input Date 02/14/2002			
				Angled Drill Hole			
				Well Contractor Maher Well Co. 19301 GATH, E. Licensee Business Lic. or Reg. No. Name of Driller			
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