

715313

County Dakota
Quad Castle Rock
Quad ID 88C

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

Entry Date 12/08/2005
Update Date 09/30/2020
Received Date 60/81/2005

Well Name GRINAGER,	Township 112	Range 20	Dir Section W 12	Subsection BAADDB	Well Depth 42 ft.	Depth Completed 42 ft.	Date Well Completed 04/18/2005
Elevation 933 ft.	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary				Drill Fluid Bentonite	
Address C/W 5098 290TH ST W NORTHFIELD MN					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND & GRAVEL 0 28 BROWN SOFT SANDSTONE 28 42 BROWN MEDIUM LIMESTONE 42 42 BROWN HARD					Well Hydrofractured? Yes ☐ No ☐ From To		
					Casing Type Single casing Joint		
					Drive Shoe? Yes ☐ No ☐ Above/Below		
					Casing Diameter Weight Hole Diameter 4 in. To 32 ft. 2.9 lbs./ft. 8 in. To 42 ft.		
					Open Hole From ft. To ft.		
					Screen? ☒ Type plastic Make BIGFOOT Diameter Slot/Gauze Length Set 4 in. 35 10 ft. 32 ft. 42 ft.		
					Static Water Level 5 ft. land surface Measure 04/18/2005		
					Pumping Level (below land surface) 20 ft. 2 hrs. Pumping at 30 g.p.m.		
					Wellhead Completion Pitless adapter manufacturer MERRILL Model SPK ☐ 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. 32 ft.		
					Nearest Known Source of Contamination 25 feet <u>Southeas</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No		
					Pump ☐ Not Installed Date Installed <u>04/18/2005</u> Manufacturer's name AEROMOTOR Model Number <u>S-12-75</u> HP <u>0.75</u> Volt <u>230</u> Length of drop pipe <u>20</u> ft Capacity <u>12</u> g.p. Typ <u>Submersible</u>		
					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 St.Peter Sandstone Aquifer St.Peter-Prairie Last Strat Prairie Du Chien Group Depth to Bedrock 28 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 486416 Y 4930542 Unique Number Verification Address verification Input Date 10/09/2018		
Remarks					Angled Drill Hole		
					Well Contractor Gary's Well Co. 70417 SCHWICH, G. Licensee Business Lic. or Reg. No. Name of Driller		