

140636

County Morrison
Quad Belle Prairie
Quad ID 194D

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

Entry Date 04/13/1988
Update Date 02/14/2014
Received Date

Well Name HOULE, GARY	Township 42	Range 32	Dir W	Section 36	Subsection AACACC	Well Depth 95 ft.	Depth Completed 95 ft.	Date Well Completed 09/06/1977																									
Elevation 1155	Elev. Method 7.5 minute topographic map (+/- 5 feet)				Drill Method Non-specified Rotary	Drill Fluid																											
Address C/W RR 4 LITTLE FALLS MN 56345						Use domestic	Status Active																										
Stratigraphy Information						Well Hydrofractured? Yes ☐ No ☐ From To																											
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SAND</td><td>0</td><td>21</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>21</td><td>32</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>32</td><td>87</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>FINE SAND</td><td>87</td><td>95</td><td>GRAY</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SAND	0	21	BROWN	SOFT	CLAY	21	32	BROWN	MEDIUM	CLAY	32	87	GRAY	MEDIUM	FINE SAND	87	95	GRAY	SOFT	Casing Type Single casing Joint Threaded		
Geological Material	From	To (ft.)	Color	Hardness																													
SAND	0	21	BROWN	SOFT																													
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CLAY	32	87	GRAY	MEDIUM																													
FINE SAND	87	95	GRAY	SOFT																													
						Drive Shoe? Yes ☐ No ☒ Above/Below 1 ft.																											
						Casing Diameter Weight 4 in. To 87 ft. 10.89 lbs./ft.																											
						Open Hole From ft. To ft.																											
						Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 2 in. 12 8 ft. 87 ft. 95 ft.																											
						Static Water Level 18 ft. land surface Measure 09/06/1977																											
						Pumping Level (below land surface) 29 ft. 1 hrs. Pumping at 9 g.p.m.																											
						Wellhead Completion Pitless adapter manufacturer Model ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																											
						Grouting Information Well Grouted? ☐ Yes ☒ No ☐ Not Specified																											
						Nearest Known Source of Contamination 75 feet West Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																											
						Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ																											
						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-gray Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 398162 Y 5103962 Unique Number Verification Name on mailbox Input Date 04/12/1995																											
						Angled Drill Hole																											
						Well Contractor North Star Drilling 48038 GARRISON, A. Licensee Business Lic. or Reg. No. Name of Driller																											