

641728

County Washington
Quad Hugo
Quad ID 118B

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

Entry Date 08/17/2000
Update Date 01/08/2013
Received Date

Well Name SHUMAN, BRAD	Township 31	Range 21	Dir W	Section 27	Subsection BBDCBD	Well Depth 180 ft.	Depth Completed 180 ft.	Date Well Completed 03/12/2000																														
Elevation 934 ft.	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary Drill Fluid Bentonite																																				
Address Well 7606 137TH ST N HUGO MN						Use domestic Status Active																																
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOP SOIL</td><td>0</td><td>2</td><td></td><td></td></tr><tr><td>CLAY</td><td>2</td><td>70</td><td></td><td></td></tr><tr><td>SAND & GRAVEL</td><td>70</td><td>110</td><td></td><td></td></tr><tr><td>CLAY & GRAVEL</td><td>110</td><td>142</td><td></td><td></td></tr><tr><td>LIMEROCK</td><td>142</td><td>180</td><td></td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2			CLAY	2	70			SAND & GRAVEL	70	110			CLAY & GRAVEL	110	142			LIMEROCK	142	180			Well Hydrofractured? Yes ☐ No ☒ From To		
						Geological Material	From	To (ft.)	Color	Hardness																												
						TOP SOIL	0	2																														
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						CLAY & GRAVEL	110	142																														
						LIMEROCK	142	180																														
						Casing Type Single casing Joint Threaded																																
						Drive Shoe? Yes ☒ No ☐ Above/Below																																
						Casing Diameter Weight Hole Diameter																																
4 in. To 142 ft. 11 lbs./ft. 8 in. To 30 ft.																																						
6.5 in. To 142 ft.																																						
4 in. To 180 ft.																																						
Open Hole From 142 ft. To 180 ft.						Screen? ☐ Type Make																																
Static Water Level 10 ft. land surface Measure 03/12/2000																																						
Pumping Level (below land surface) 60 ft. 1 hrs. Pumping at 14 g.p.m.																																						
Wellhead Completion Pitless adapter manufacturer BAKER Model SNAPPY ☐ 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 2 Sacks 0 ft. 30 ft.																																						
bentonite 30 ft. 142 ft.																																						
cuttings 30 ft. 142 ft.																																						
Nearest Known Source of Contamination 100 feet Southeas Direction Septic tank/drain field Type Well disinfected upon completion? ☐ Yes ☐ No																																						
Pump ☐ Not Installed Date Installed Manufacturer's name RED JACKET Model Number 75 SEW1 HP 0.75 Volt 230 Length of drop pipe 60 ft Capacity 15 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 Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 142 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 503521 Y 4999585 Unique Number Verification Address verification Input Date 01/07/2013																																						
Angled Drill Hole																																						
Well Contractor Mccullough & Sons 82054 COX, B. Licensee Business Lic. or Reg. No. Name of Driller																																						