

867714

County Otter Tail
Quad
Quad ID

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

Entry Date
Update Date 01/23/2024
Received Date 10/25/2023

Well Name AVANT, JESSE	Township 135	Range 40	Dir W	Section 35	Subsection DBA																																								
Elevation Elev. Method																																													
Address Well 34520 14 CH RICHVILLE MN 56576 Contact 34690 250TH ST BATTLE LAKE MN 56515																																													
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY</td><td>0</td><td>12</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>12</td><td>21</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>21</td><td>38</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>38</td><td>160</td><td>BLUE</td><td>HARD</td></tr><tr><td>SILT</td><td>160</td><td>165</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>165</td><td>178</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>178</td><td>180</td><td></td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	12	YELLOW	MEDIUM	SAND	12	21	BROWN	MEDIUM	CLAY	21	38	YELLOW	MEDIUM	CLAY	38	160	BLUE	HARD	SILT	160	165	GRAY	SOFT	SAND	165	178	GRAY	MEDIUM	CLAY	178	180		
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Well Depth 180 ft.		Depth Completed 175 ft.		Date Well Completed 10/16/2023																																									
Drill Method Non-specified Rotary		Drill Fluid Qwik gel																																											
Use domestic				Status Active																																									
Well Hydrofractured? Yes ☐ No ☒ From To																																													
Casing Type Single casing Joint																																													
Drive Shoe? Yes ☐ No ☐ Above/Below																																													
Casing Diameter 4 in. To		Weight 171 ft. lbs./ft.		Hole Diameter 6.5 in. To 175 ft.																																									
Open Hole <table><tr><td>From</td><td>ft.</td><td>To</td><td>ft.</td></tr><tr><td>Screen? ☒</td><td>Type telescoping</td><td>Make JOHNSON</td><td></td></tr><tr><td>Diameter 4 in.</td><td>Slot/Gauze 12</td><td>Length 4 ft.</td><td>Set 171 ft. 175 ft.</td></tr></table>						From	ft.	To	ft.	Screen? ☒	Type telescoping	Make JOHNSON		Diameter 4 in.	Slot/Gauze 12	Length 4 ft.	Set 171 ft. 175 ft.																												
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Static Water Level 42 ft. land surface Measure 10/16/2023																																													
Pumping Level (below land surface) 60 ft. 2 hrs. Pumping at 80 g.p.m.																																													
Wellhead Completion Pitless adapter manufacturer MONITOR Model 4BO ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																													
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified <table><tr><td>Material</td><td>Amount</td><td>From</td><td>To</td></tr><tr><td>cuttings</td><td></td><td>50 ft.</td><td>165 ft.</td></tr><tr><td>bentonite</td><td>2 Sacks</td><td>ft. 50</td><td>ft.</td></tr></table>						Material	Amount	From	To	cuttings		50 ft.	165 ft.	bentonite	2 Sacks	ft. 50	ft.																												
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Nearest Known Source of Contamination 70 feet South Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No																																													
Pump ☐ Not Installed Date Installed Manufacturer's name GRUNFOS Model Number 10SQ07-200 HP 0.75 Volt 230 Length of drop pipe 30 ft Capacity 10 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 <table><tr><td>First Bedrock</td><td>Aquifer</td></tr><tr><td>Last Strat</td><td>Depth to Bedrock ft</td></tr><tr><td>Located by</td><td></td></tr><tr><td>Locate Method</td><td></td></tr><tr><td>System UTM - NAD83, Zone 15, Meters</td><td>X Y</td></tr><tr><td>Unique Number Verification</td><td>Input Date</td></tr></table>						First Bedrock	Aquifer	Last Strat	Depth to Bedrock ft	Located by		Locate Method		System UTM - NAD83, Zone 15, Meters	X Y	Unique Number Verification	Input Date																												
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Well Contractor All State Well Drilling, Inc. 1603 FISHER, MILO Licensee Business Lic. or Reg. No. Name of Driller																																													