

838170

County Otter Tail
Quad
Quad ID

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

Entry Date
Update Date 09/17/2019
Received Date 08/23/2019

Well Name PORTER, Elevation	Township 133 Elev. Method	Range 43	Dir W	Section 31	Subsection DBD	Well Depth 140 ft.	Depth Completed 140 ft.	Date Well Completed 08/20/2019	Drill Method Non-specified Rotary	Drill Fluid Bentonite																													
Address Well EAGLE RIDGE RD FERGUS FALLS MN						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>LOOSE FILL SAND</td><td>0</td><td>3</td><td>YELLOW</td><td></td></tr><tr><td>CLAY</td><td>3</td><td>35</td><td>YELLOW</td><td>HARD</td></tr><tr><td>LOOSE SAND</td><td>35</td><td>50</td><td>YELLOW</td><td></td></tr><tr><td>CLAY</td><td>50</td><td>130</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>LOOSE SAND</td><td>130</td><td>140</td><td>WHITE</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	LOOSE FILL SAND	0	3	YELLOW		CLAY	3	35	YELLOW	HARD	LOOSE SAND	35	50	YELLOW		CLAY	50	130	BLUE	MEDIUM	LOOSE SAND	130	140	WHITE		Casing Type Single casing	Joint		
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						Drive Shoe? Yes ☐ No ☒	Above/Below																																
						Casing Diameter 4 in. To	Weight 136 ft. lbs./ft.	Hole Diameter 6.2 in. To ft.																															
						Open Hole From ft. To ft.																																	
						Screen? ☒	Type stainless	Make JOHNSON																															
						Diameter 4 in.	Slot/Gauze 15	Length 4 ft.	Set 136 ft.	To 140 ft.																													
						Static Water Level 50 ft. land surface Measure 08/20/2019																																	
						Pumping Level (below land surface) 80 ft. 1 hrs. Pumping at 40 g.p.m.																																	
						Wellhead Completion Pitless adapter manufacturer MONITOR Model 4B0 ☒ 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 5 Sacks ft. 130 ft.																																	
						Nearest Known Source of Contamination <u>60</u> feet <u>North</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																	
						Pump ☐ Not Installed Date Installed Manufacturer's name GRUNDFOS Model Number <u>SQE</u> HP <u>1</u> Volt <u>240</u> Length of drop pipe <u>80</u> ft Capacity <u>22</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 Last Strat Aquifer Located by Depth to Bedrock ft. Locate Method System UTM - NAD83, Zone 15, Meters X Y Unique Number Verification Input Date																																	
						Angled Drill Hole																																	
						Well Contractor Fergus Well Co. 1489 GRANT, D. Licensee Business Lic. or Reg. No. Name of Driller																																	