

445349

County Brown
Quad Leavenwort
Quad ID 59A

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

Entry Date 03/04/1991
Update Date 02/14/2014
Received Date

Well Name WINDSCHITL,	Township 108	Range 33	Dir W	Section 16	Subsection AADBCD	Well Depth 132 ft.	Depth Completed 132 ft.	Date Well Completed 11/13/1989																																								
Elevation 1063	Elev. Method 7.5 minute topographic map (+/- 5 feet)				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																										
Address C/W RR 2 BOX 103 COMFREY MN 56019						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>BLACK</td><td></td></tr><tr><td>SANDY CLAY</td><td>2</td><td>18</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>18</td><td>30</td><td>BLUE</td><td></td></tr><tr><td>DIRTY GRAVEL</td><td>30</td><td>32</td><td>GRAY</td><td></td></tr><tr><td>CLAY</td><td>32</td><td>60</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY GUMMY</td><td>60</td><td>123</td><td>BLUE</td><td></td></tr><tr><td>SANDSTONE</td><td>123</td><td>132</td><td>WHITE</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK		SANDY CLAY	2	18	BROWN		CLAY	18	30	BLUE		DIRTY GRAVEL	30	32	GRAY		CLAY	32	60	BLUE	SOFT	CLAY GUMMY	60	123	BLUE		SANDSTONE	123	132	WHITE	SOFT	Well Hydrofractured? Yes ☐ No ☐ From To		
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						Casing Type Single casing Joint																																										
Drive Shoe? Yes ☐ No ☐ Above/Below 1.5 ft.																																																
Casing Diameter Weight Hole Diameter 5 in. To 123 ft. lbs./ft. 9 in. To 132 ft.																																																
Open Hole From ft. To ft.																																																
Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 3 in. 12 9 ft. 123 ft. 132 ft.																																																
Static Water Level 50 ft. land surface Measure 11/13/1989																																																
Pumping Level (below land surface) 70 ft. 2 hrs. Pumping at 40 g.p.m.																																																
Wellhead Completion Pitless adapter manufacturer WHITEWATER Model ☐ 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 neat cement 0 10 ft. 35 ft. bentonite 0 35 ft. 120 ft.																																																
Nearest Known Source of Contamination 70 feet Southeast Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																																
Pump ☐ Not Installed Date Installed 11/13/1989 Manufacturer's name WEBTROL Model Number HP 0.75 Volt 220 Length of drop pipe 80 ft Capacity 12 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 Cretaceous undiff. Aquifer Cretaceous, Last Strat Cretaceous undiff. Depth to Bedrock 60 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 356015 Y 4891625 Unique Number Verification Information from Input Date 09/01/1998																																																
Angled Drill Hole																																																
Well Contractor Steffl C.t. Well Co. 08044 STEFFL, C. Licensee Business Lic. or Reg. No. Name of Driller																																																