

601553

County Big Stone
Quad Big Stone
Quad ID 149B

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

Entry Date 10/29/1999
Update Date 03/10/2014
Received Date

Well Name SIEFERT, JOE	Township 123	Range 48	Dir W	Section 34	Subsection CCDCBA																									
Elevation 975 ft.	Elev. Method 7.5 minute topographic map (+/- 5 feet)																													
Address Well 7 HY ORTONVILLE MN Contact 819 FIFTH ST GRACEVILLE MN 56240																														
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>1</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>1</td><td>32</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>32</td><td>159</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SHALE</td><td>159</td><td>179</td><td>GRAY</td><td>MEDIUM</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK	SOFT	CLAY	1	32	YELLOW	SOFT	CLAY	32	159	GRAY	SOFT	SHALE	159	179	GRAY	MEDIUM
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Well Depth 179 ft. Depth Completed 179 ft. Date Well Completed 09/01/1997																														
Drill Method Non-specified Rotary Drill Fluid Other																														
Use domestic Status Active																														
Well Hydrofractured? Yes ☐ No ☐ From To																														
Casing Type Single casing Joint																														
Drive Shoe? Yes ☐ No ☐ Above/Below																														
Casing Diameter 5 in. Weight 159 lbs./ft. Hole Diameter 9 in. To 179 ft.																														
Open Hole From ft. To ft.																														
Screen? ☒ Type plastic Make TITAN																														
Diameter Slot/Gauze Length Set																														
5 in. 40 20 ft. 159 ft. 179 ft.																														
Static Water Level -1 ft. land surface Measure 09/01/1997																														
Pumping Level (below land surface) 3 ft. 2 hrs. Pumping at 10 g.p.m.																														
Wellhead Completion Pitless adapter manufacturer MAASS 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																														
bentonite 0 ft. 74 ft.																														
Nearest Known Source of Contamination 75 feet Southeast Direction Septic tank/drain field Type																														
Well disinfected upon completion? ☒ Yes ☐ No																														
Pump ☐ Not Installed Date Installed 09/00/1997																														
Manufacturer's name USED																														
Model Number HP 0.5 Volt 115																														
Length of drop pipe 35 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 First Bedrock Cretaceous undiff. Aquifer Cretaceous, Last Strat Cretaceous undiff. Depth to Bedrock 32 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 212477 Y 5035636 Unique Number Verification Tag on well Input Date 09/26/2000																														
Angled Drill Hole																														
Well Contractor Sioux Well Co. 92477 WAGNER, B. Licensee Business Lic. or Reg. No. Name of Driller																														