

789557

County Steele
Quad Steele
Quad ID 31B

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

Entry Date 12/21/2012
Update Date 09/26/2019
Received Date 11/26/2012

Well Name SPINLER, KEVIN	Township 105	Range 20	Dir W	Section 2	Subsection DDACAD	Well Depth 130 ft.	Depth Completed 130 ft.	Date Well Completed 06/29/2012																														
Elevation 1227	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Other																															
Address C/W 11632 24TH AV SE OWATONNA MN 55060						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>CLAY & SAND</td><td>0</td><td>32</td><td></td><td></td></tr><tr><td>SAND & GRAVEL</td><td>32</td><td>52</td><td></td><td></td></tr><tr><td>SHALE</td><td>52</td><td>92</td><td></td><td></td></tr><tr><td>CLAY</td><td>92</td><td>98</td><td></td><td></td></tr><tr><td>LIMESTONE</td><td>98</td><td>130</td><td>GRAY</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	CLAY & SAND	0	32			SAND & GRAVEL	32	52			SHALE	52	92			CLAY	92	98			LIMESTONE	98	130	GRAY		Well Hydrofractured? Yes ☐ No ☒	From To	
						Geological Material	From	To (ft.)	Color	Hardness																												
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						LIMESTONE	98	130	GRAY																													
						Casing Type Single casing	Joint Welded																															
						Drive Shoe? Yes ☒ No ☐	Above/Below																															
						Casing Diameter 5 in. To 103 ft.	Weight lbs./ft.	Hole Diameter 10 in. To 103 ft. 5 in. To 130 ft.																														
Open Hole From 103 ft. To 130 ft.																																						
Screen? ☐	Type	Make																																				
Static Water Level 8 ft. land surface Measure 06/29/2012																																						
Pumping Level (below land surface) 18 ft. 2 hrs. Pumping at 15 g.p.m.																																						
Wellhead Completion Pitless adapter manufacturer 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 5 Sacks ft. 103 ft.																																						
Nearest Known Source of Contamination 50 feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																						
Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ																																						
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 Spillville-Maquoketa Aquifer Spillville- Last Strat Spillville-Maquoketa Depth to Bedrock 98 ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 484967 Y 4863375 Unique Number Verification Info/GPS from data Input Date 12/21/2012																																						
Angled Drill Hole																																						
Well Contractor Thein Well Rochester, Inc. 2641 VANHOUTEN, D. Licensee Business Lic. or Reg. No. Name of Driller																																						