

County **Olmsted**  
 Quad  
 Quad ID

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

Entry Date 06/01/2020  
 Update Date 06/01/2020  
 Received Date 01/23/2020

**840266**

<b>Well Name</b>	<b>Township</b>	<b>Range</b>	<b>Dir Section</b>	<b>Subsection</b>	<b>Well Depth</b>	<b>Depth Completed</b>	<b>Date Well Completed</b>
PENZ, CORY	107	13	W 16	ACA	645 ft.	645 ft.	11/08/2019
<b>Elevation</b>	<b>Elev. Method</b>				<b>Drill Method</b>	Non-specified Rotary	<b>Drill Fluid</b> Foam
<b>Address</b>					<b>Use</b> domestic	<b>Status</b> Active	
Well 4939 48TH ST NE ROCHESTER MN					<b>Well Hydrofractured?</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>From</b> <b>To</b>
<b>Stratigraphy Information</b>					<b>Casing Type</b> Single casing	<b>Joint</b> Welded	
					<b>Drive Shoe?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<b>Above/Below</b>	
<b>Geological Material</b>					<b>Casing Diameter</b>	<b>Weight</b>	<b>Hole Diameter</b>
From To (ft.) Color Hardness					4 in. To 577 ft. lbs./ft.	12 in. To 17 ft.	
SILT/ FOAM 0 4 BLK/BRN SOFT					8 in. To 17 ft. lbs./ft.	8 in. To 577 ft.	
SANDSTONE 4 8 BROWN MEDIUM					4 in. To 645 ft.		
LIMESTONE 8 17 TAN HARD							
SANDSTONE 17 77 BROWN MEDIUM							
LIMESTONE 77 257 GRAY MEDIUM							
LIMESTONE 257 337 BROWN HARD							
LIMESTONE 337 437 GRAY MEDIUM							
LIMESTONE 437 540 TAN MEDIUM							
SANDSTONE 540 645 GRAY MEDIUM							
					<b>Open Hole</b> From 577 ft. To 645 ft.		
					<b>Screen?</b> <input type="checkbox"/>	<b>Type</b>	<b>Make</b>
					<b>Static Water Level</b>		
					210 ft. land surface	Measure	11/01/2019
					<b>Pumping Level (below land surface)</b>		
					230 ft. 2 hrs. Pumping at	15	g.p.m.
					<b>Wellhead Completion</b>		
					Pitless adapter manufacturer	Model	
					<input type="checkbox"/> Casing Protection	<input type="checkbox"/> 12 in. above grade	
					<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
					<b>Grouting Information</b> Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified		
					Material	Amount	From To
					neat cement	0.12 Cubic yards	0 ft. 17 ft.
					neat cement	9.87 Cubic yards	0 ft. 577 ft.
					pearock	3 Cubic yards	78 ft. 540 ft.
					<b>Nearest Known Source of Contamination</b>		
					feet	Direction	Type
					Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
					<b>Pump</b> <input type="checkbox"/> Not Installed	Date Installed	11/01/2019
					Manufacturer's name	WEBTROL	
					Model Number	WT1820L	HP 2 Volt 230
					Length of drop pipe	252 ft	Capacity 18 g.p. Typ Submersible
					<b>Abandoned</b>		
					Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
					<b>Variance</b>		
					Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
					<b>Miscellaneous</b>		
					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		
					<b>Angled Drill Hole</b>		
					<b>Well Contractor</b>		
					Thein Well Rochester, Inc.	2641	PIKE, M.
					Licensee Business	Lic. or Reg. No.	Name of Driller

**Remarks**