

County Mower
Quad Austin West
Quad ID 9A

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

Entry Date	05/23/2012
Update Date	03/10/2014
Received Date	10/31/2012

Well Name POGONES,	Township 103	Range 18	Dir W	Section 31	Subsection DBDACC
Elevation 1209	Elev. Method 7.5 minute topographic map (+/- 5 feet)				
Address					
Contact 4206 12TH AV NW AUSTIN MN 55912					
Well NA MN					
Stratigraphy Information					
Geological Material		From	To (ft.)	Color	Hardness
CLAY		0	12	BROWN	MEDIUM
SAND		12	22	BROWN	MEDIUM
CLAY		22	44	BROWN	MEDIUM
BROKEN LIMESTONE		44	50	GRAY	MEDIUM
LIMESTONE		50	75	GRAY	MEDIUM
LIMESTONE		75	77	TAN	MEDIUM
LIMESTONE		77	95	GRAY	MEDIUM
LIMESTONE		95	97	TAN	MEDIUM
LIMESTONE/SHALE		97	105	BROWN	MEDIUM
LIMESTONE/SHALE		115	117	BROWN	MEDIUM
LIMESTONE		117	150	TAN	MEDIUM
LIMESTONE		150	223	TAN	MEDIUM
LIMESTONE		223	257	TAN	MEDIUM
LIMESTONE		257	301	TAN	MEDIUM
Remarks					
GAMMA LOGGED 6-21-2012. M.G.S. NO. 5240. LOGGED FOR MDH.					
THERE IS SOME CRS QUARTZ SANDSTONE FROM 40-60 FT. THAT MAYBE WINDROW SANDSTONE. FILLING A CREVICE.					
DRILLING FLUID: MUD.					
VARIANCE TN# 4835.					
REVERT TO WELL LOG CONTACT (4206 12TH AVE NW) FROM UNDOCUMENTED (4150 12TH AV W)					

Well Depth 301 ft.	Depth Completed 301 ft.	Date Well Completed 08/15/2012
Drill Method Non-specified Rotary	Drill Fluid Other	
Use domestic	Status Active	
Well Hydrofractured? Yes ☐ No ☒	From To	
Casing Type Step down	Joint Welded	
Drive Shoe? Yes ☒ No ☐	Above/Below	
Casing Diameter 4 in. To 8 in.	Weight 272 ft. 53 ft.	Hole Diameter 12 in. To 272 in. To 301 ft.
Open Hole Screen? ☐	From 272 ft. To 301 ft.	
Type Make		
Static Water Level		
23 ft.	land surface	Measure 06/19/2012
Pumping Level (below land surface)		
33 ft.	2 hrs. Pumping at	15 g.p.m.
Wellhead Completion		
Pitless adapter manufacturer		MONITOR 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	0.5 Cubic yards	0 ft. 53 ft.
neat cement	3.5 Cubic yards	0 ft. 272 ft.
pearock	1.5 Cubic yards	53 ft. 272 ft.
Nearest Known Source of Contamination		
50 feet	Direction	Type
Well disinfected upon completion? ☒ Yes ☐ No		
Pump ☐ Not Installed	Date Installed	07/17/2012
Manufacturer's name GRUNDFOS		
Model Number	22SQE15- HP 1.5	Volt 230
Length of drop pipe	105 ft Capacity 22 g.p.	Type 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	L.Cedar Valley-Pinicon	Aquifer Galena/Stewartvi
Last Strat	Galena/Stewartville Fm	Depth to Bedrock 38 ft
Located by Minnesota Department of Health		
Locate Method	Digitization (Screen) - Map (1:24,000) (15 meters or	
System	UTM - NAD83, Zone 15, Meters	X 497143 Y 4836163
Unique Number Verification	Info/GPS from data	Input Date 05/22/2012
Angled Drill Hole		
Well Contractor		
Thein Well Rochester, Inc.		2641 KURTH, R.
Licensee Business		Lic. or Reg. No. Name of Driller

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