

789456

County Otter Tail
Quad Heinola
Quad ID 216B

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

Entry Date 03/27/2012
Update Date 08/14/2019
Received Date 03/08/2012

Well Name MENZE FARMS	Township 135	Range 38	Dir W	Section 28	Subsection ACCCBB	Well Depth 90 ft.	Depth Completed 90 ft.	Date Well Completed 02/08/2012
Elevation 1338.6	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Other		
Address Contact 49973 54 CH NEW YORK MILLS MN 56567						Use irrigation	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness TOPSOIL 0 2 BLACK SOFT SAND 2 30 BROWN MEDIUM SAND 30 45 GRAY MEDIUM CLAY 45 72 GRAY HARD SAND 72 90 GRAY MEDIUM						Well Hydrofractured? Yes ☐ No ☒ From To		
						Casing Type Single casing Joint		
						Drive Shoe? Yes ☐ No ☒ Above/Below		
						Casing Diameter 6 in. To 74 ft. Weight lbs./ft. Hole Diameter 12 in. To 90 ft.		
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON		
						Diameter Slot/Gauze Length Set		
						5 in. 20 16 ft. 74 ft. 90 ft.		
						Static Water Level		
						11 ft. land surface Measure 02/08/2012		
Pumping Level (below land surface)								
89 ft. 3 hrs. Pumping at 400 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								
bentonite 6 Sacks ft. 50 ft.								
Nearest Known Source of Contamination								
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 Aquifer Quat. buried								
Last Strat sand-gray Depth to Bedrock ft								
Located by Minnesota Geological Survey								
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or								
System UTM - NAD83, Zone 15, Meters X 309540 Y 5150165								
Unique Number Verification Site Plan Input Date 08/08/2019								
Angled Drill Hole								
Well Contractor								
Steven M Traut Wells, Inc. 1889 DEAN								
Licensee Business Lic. or Reg. No. Name of Driller								