

163482

County Scott
Quad Shakopee
Quad ID 105D

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

Entry Date 12/20/2001
Update Date 09/26/2005
Received Date

Well Name HENNEN,	Township 115	Range 23	Dir Section W 23	Subsection ADCDCB	Well Depth 360 ft.	Depth Completed 360 ft.	Date Well Completed 10/22/1984																																																																	
Elevation 969 ft.	Elev. Method CALC FROM 2-FOOT COUNTY DEM	Drill Method Non-specified Rotary				Drill Fluid																																																																		
Address Well 1099 OAK RD S SHAKOPEE MN 55379					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</td><td>0</td><td>45</td><td></td><td></td></tr><tr><td>SAND & GRAVEL</td><td>45</td><td>65</td><td></td><td></td></tr><tr><td>CLAY</td><td>65</td><td>80</td><td>GRAY</td><td></td></tr><tr><td>SAND & GRAVEL</td><td>80</td><td>90</td><td></td><td></td></tr><tr><td>CLAY</td><td>90</td><td>105</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>105</td><td>110</td><td></td><td></td></tr><tr><td>CLAY</td><td>110</td><td>115</td><td>BROWN</td><td></td></tr><tr><td>SAND & GRAVEL</td><td>115</td><td>136</td><td></td><td></td></tr><tr><td>SHAKOPEE ROCK</td><td>136</td><td>268</td><td></td><td></td></tr><tr><td>JORDAN SANDSTONE</td><td>268</td><td>310</td><td></td><td></td></tr><tr><td>JORDAN SANDSTONE</td><td>310</td><td>355</td><td></td><td></td></tr><tr><td>FRANCONIA, SHALE,</td><td>355</td><td>360</td><td></td><td></td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	45			SAND & GRAVEL	45	65			CLAY	65	80	GRAY		SAND & GRAVEL	80	90			CLAY	90	105	GRAY		SAND	105	110			CLAY	110	115	BROWN		SAND & GRAVEL	115	136			SHAKOPEE ROCK	136	268			JORDAN SANDSTONE	268	310			JORDAN SANDSTONE	310	355			FRANCONIA, SHALE,	355	360			Well Hydrofractured? Yes ☐ No ☐ From To		
					Geological Material	From	To (ft.)	Color	Hardness																																																															
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FRANCONIA, SHALE,	355	360																																																																						
Casing Type Step down			Joint Threaded																																																																					
Drive Shoe? Yes ☒ No ☐			Above/Below																																																																					
Casing Diameter 4 in. To 332 ft. 11 lbs./ft.			Hole Diameter 4 in. To 360 ft.																																																																					
8 in. To 128 ft. lbs./ft.																																																																								
Open Hole From 332 ft. To 360 ft.																																																																								
Screen? ☐			Type Make																																																																					
Static Water Level 230 ft. land surface Measure 10/22/1984																																																																								
Pumping Level (below land surface) 230 ft. hrs. Pumping at g.p.m.																																																																								
Wellhead Completion Pitless adapter manufacturer Model ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																																								
Grouting Information Material Amount From To neat cement ft. ft.			Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																																					
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																																																								
Pump ☐ Not Installed Date Installed 10/22/1984 Manufacturer's name Model Number HP 1 Volt 220 Length of drop pipe 252 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 Prairie Du Chien Group Aquifer Jordan-St. Last Strat St.Lawrence Formation Depth to Bedrock 136 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 456903 Y 4955882 Unique Number Verification Address verification Input Date 12/01/2004																																																																								
Angled Drill Hole																																																																								
Well Contractor Bohn Well Co. 70350 SCHULTZ, J. Licensee Business Lic. or Reg. No. Name of Driller																																																																								

Remarks