

Minnesota Unique Well Number

774128

County

Roseau

Quad

Quad ID

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

04/22/2011

Update Date

01/09/2014

Received Date

10/06/2010

Well Name LOE, GILBERT	Township 160	Range 40	Dir Section W 10	Subsection DAA	Well Depth 235 ft.	Depth Completed 225 ft.	Date Well Completed 09/03/2010																																			
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid Bentonite																																			
Address C/W 20471 33 CR WANNASKA MN 56761					Use domestic	Status Active																																				
					Well Hydrofractured? Yes No ☒ From To																																					
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>13</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>13</td><td>97</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>97</td><td>177</td><td>GRAY</td><td>HARD</td></tr><tr><td>CLAY</td><td>177</td><td>218</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>GRAVEL</td><td>218</td><td>225</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>225</td><td>235</td><td>GRAY</td><td>HARD</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	13	BROWN	SOFT	CLAY	13	97	GRAY	MEDIUM	CLAY	97	177	GRAY	HARD	CLAY	177	218	GRAY	MEDIUM	GRAVEL	218	225	GRAY	SOFT	CLAY	225	235	GRAY	HARD	Casing Type Single casing	Joint Glued	
					Geological Material	From	To (ft.)	Color	Hardness																																	
CLAY	0	13	BROWN	SOFT																																						
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GRAVEL	218	225	GRAY	SOFT																																						
CLAY	225	235	GRAY	HARD																																						
					Drive Shoe? Yes No ☒ Above/Below																																					
					Casing Diameter 4 in. To 221 ft. 1.9 lbs./ft.	Hole Diameter 6.7 in. To 225 ft.																																				
					Open Hole From ft. To ft.																																					
					Screen? ☒ Type stainless Make JOHNSON																																					
					Diameter 4 in. Slot/Gauze 15 Length 4 ft. Set 221 ft. 225 ft.																																					
					Static Water Level 7 ft. land surface Measure 09/03/2010																																					
					Pumping Level (below land surface) ft. hrs. Pumping at 70 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 bentonite	Amount 4.5 Sacks	From ft. To 50 ft.																																			
					Nearest Known Source of Contamination 150 feet Northeas Direction Septic tank/drain field 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 Last Strat Depth to Bedrock ft Located by Locate Method System UTM - NAD83, Zone 15, Meters X Y Unique Number Verification Input Date																																					
Remarks					Angled Drill Hole																																					
					Well Contractor Pelan Construction And Well 1756 GUNDERSEN, B. Licensee Business Lic. or Reg. No. Name of Driller																																					

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