

673423

County Clay
Quad Downer
Quad ID 261C

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

Entry Date 08/14/2002
Update Date 05/19/2014
Received Date

Well Name LEWIS, MARK				Township 139	Range 45	Dir W	Section 17	Subsection CABCAA	Well Depth 125 ft.	Depth Completed 120 ft.	Date Well Completed 07/08/2002																																																				
Elevation 1107				Elev. Method 7.5 minute topographic map (+/- 5 feet)		Drill Method Non-specified Rotary						Drill Fluid Bentonite																																																			
Address C/W 1706 190TH ST S HAWLEY MN 56549										Use domestic		Status Active																																																			
Stratigraphy Information										Well Hydrofractured? Yes ☐ No ☒			From To																																																		
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOP SOIL</td><td>0</td><td>1</td><td>BLACK</td><td></td></tr><tr><td>GRAVEL</td><td>1</td><td>10</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>10</td><td>15</td><td>BROWN</td><td></td></tr><tr><td>GRAVEL</td><td>15</td><td>18</td><td>VARIED</td><td></td></tr><tr><td>SANDY CLAY</td><td>18</td><td>60</td><td>BLUE</td><td></td></tr><tr><td>SAND</td><td>60</td><td>62</td><td>GRAY</td><td></td></tr><tr><td>SANDY CLAY</td><td>62</td><td>103</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>103</td><td>120</td><td>GRAY</td><td></td></tr><tr><td>SANDY CLAY</td><td>120</td><td>125</td><td>GRAY</td><td></td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK		GRAVEL	1	10	BROWN		CLAY	10	15	BROWN		GRAVEL	15	18	VARIED		SANDY CLAY	18	60	BLUE		SAND	60	62	GRAY		SANDY CLAY	62	103	GRAY		SAND	103	120	GRAY		SANDY CLAY	120	125	GRAY		Casing Type Single casing			Joint Welded
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Drive Shoe? Yes ☐ No ☒										Above/Below																																																					
Casing Diameter 4 in. To 112 ft.										Weight lbs./ft.	Hole Diameter 8 in. To 30 ft. 6.2 in. To 125 ft.																																																				
Open Hole From ft. To ft.																																																															
Screen? ☒										Type stainless	Make JOHNSON																																																				
Diameter 4 in.										Slot/Gauze 12	Length 8 ft.	Set 112 ft.	120 ft.																																																		
Static Water Level 10 ft.										land surface		Measure 07/08/2002																																																			
Pumping Level (below land surface) ft.										hrs.	Pumping at 100	g.p.m.																																																			
Wellhead Completion Pitless adapter manufacturer ☐ Casing Protection ☐ At-grade (Environmental Wells and Borings ONLY)										MONITOR 12 in. above grade		Model 7PS45																																																			
Grouting Information Material high solids bentonite										Well Grouted? Amount 4 Sacks	☒ Yes ☐ No ☐ Not Specified	From 0	To ft. 50 ft.																																																		
Nearest Known Source of Contamination 60 feet Well disinfected upon completion?										Northwes Direction ☒ Yes ☐ No		Feedlot Type																																																			
Pump ☐ Not Installed Manufacturer's name AERMOTOR										Date Installed 07/08/2002																																																					
Model Number S23-100										HP 1	Volt 230																																																				
Length of drop pipe 21 ft										Capacity 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 Last Strat Located by Locate Method System Unique Number Verification										clay+sand-gray Minnesota Geological Survey Digitization (Screen) - Map (1:24,000) (15 meters or UTM - NAD83, Zone 15, Meters Address verification		Aquifer Quat. buried Depth to Bedrock ft																																																			
Remarks																																																															
Angled Drill Hole																																																															
Well Contractor L.t.p. Enterprises, Inc. Licensee Business										91686 Lic. or Reg. No.		OLESEN, S Name of Driller																																																			