

781820

County Freeborn
Quad Emmons
Quad ID 10C

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

Entry Date 05/23/2012
Update Date 06/05/2023
Received Date 10/13/2011

Well Name PURDY, ALBERT	Township 102	Range 22	Dir W	Section 33	Subsection CDDDCA	Well Depth 165 ft.	Depth Completed 165 ft.	Date Well Completed 06/28/2011																																		
Elevation 1304	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																				
Address C/W 16027 690TH AV ALBERT LEA MN 56007						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>SOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>2</td><td>15</td><td>YEL/BLK</td><td></td></tr><tr><td>CLAY</td><td>15</td><td>40</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND FINE MEDIUM</td><td>40</td><td>80</td><td>VARIED</td><td></td></tr><tr><td>CLAY SANDY STICKY</td><td>80</td><td>160</td><td>VARIED</td><td>SOFT</td></tr><tr><td>LIMESTONE</td><td>160</td><td>165</td><td>WHT/BRN</td><td>MEDIUM</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SOIL	0	2	BLACK	SOFT	CLAY	2	15	YEL/BLK		CLAY	15	40	GRAY	SOFT	SAND FINE MEDIUM	40	80	VARIED		CLAY SANDY STICKY	80	160	VARIED	SOFT	LIMESTONE	160	165	WHT/BRN	MEDIUM	Well Hydrofractured? Yes ☐ No ☒	From To
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						Casing Type Single casing	Joint Threaded																																			
						Drive Shoe? Yes ☒ No ☐	Above/Below																																			
Casing Diameter 5 in. To 161 ft.	Weight 15 lbs./ft.	Hole Diameter 7.8 in. To 160 ft. 5 in. To 165 ft.																																								
Open Hole From 161 ft. To 165 ft.																																										
Screen? ☐	Type	Make																																								
Static Water Level 66 ft. land surface Measure 06/24/2011																																										
Pumping Level (below land surface) 67 ft. 2 hrs. Pumping at 15 g.p.m.																																										
Wellhead Completion Pitless adapter manufacturer MONITOR Model BULLDOG ☐ 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 cuttings 70 ft. 160 ft. high solids bentonite 4 Sacks ft. 70 ft.																																										
Nearest Known Source of Contamination 75 feet <u>Northeas</u> Direction <u>Barnyard</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																										
Pump ☐ Not Installed Date Installed 06/24/2011 Manufacturer's name SCHAEFER Model Number 10LD0754 HP 0.75 Volt 230 Length of drop pipe 80 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 Aquifer Last Strat Depth to Bedrock 160 ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 461328 Y 4826071 Unique Number Verification Info/GPS from data Input Date 05/22/2012																																										
Angled Drill Hole																																										
Well Contractor Martin Well Drilling 1757 MARTIN, K. Licensee Business Lic. or Reg. No. Name of Driller																																										