

785913

County Carlton

Quad

Quad ID

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 09/25/2012

Update Date 10/04/2012

Received Date 12/02/2011

Well Name BOURN, CINDY	Township 48	Range 16	Dir Section W 27	Subsection BAC	Well Depth 283 ft.	Depth Completed 283 ft.	Date Well Completed 09/13/2011			
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid Bentonite			
Address					Use domestic	Status Active				
Well NA MONARCH DR WRENSHALL MN 55797					Well Hydrofractured?	Yes ☐	No ☒	From	To	
Stratigraphy Information					Casing Type Single casing	Joint				
					Drive Shoe?	Yes ☐	No ☐	Above/Below		
Geological Material					Casing Diameter	Weight	Hole Diameter			
CLAY					4 in. To	275 ft.	lbs./ft.	8.7 in. To	283 ft.	
CLAY										
CLAY										
FINE SAND GRAVEL										
					Open Hole	From	ft.	To	ft.	
					Screen? ☒	Type stainless	Make JOHNSON			
					Diameter	Slot/Gauze	Length	Set		
					2 in.	12	8 ft.	275 ft.	283 ft.	
					Static Water Level					
					120 ft.	land surface	Measure	09/13/2011		
					Pumping Level (below land surface)					
					170 ft.	1 hrs.	Pumping at	20	g.p.m.	
					Wellhead Completion					
					Pitless adapter manufacturer BAKER		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		
					bentonite			ft. 110	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				
					Last Strat	Depth to Bedrock				
					Located by	ft				
					Locate Method					
					System	UTM - NAD83, Zone 15, Meters		X	Y	
					Unique Number Verification				Input Date	
					Angled Drill Hole					
					Well Contractor					
					Major Drilling	2896		HAMM, R.		
					Licensee Business	Lic. or Reg. No.		Name of Driller		