

523253

County Winona
Quad Wilson
Quad ID 25B

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

Entry Date 08/05/1994
Update Date 08/18/2014
Received Date

Well Name LEDEBUHR,					Township 105	Range 7	Dir W	Section 14	Subsection BDDAAA	Well Depth 291 ft.				Depth Completed 291 ft.				Date Well Completed 10/00/1993			
Elevation 1055					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary								Drill Fluid			
Address C/W RR 2 BOX 222 WINONA MN										Use domestic								Status Active			
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 8 BROWN MEDIUM CLAY LOOSE ROCK 8 20 BROWN HARD SHALE 20 194 GREEN HARD SANDSTONE 194 291 WHITE HARD										Well Hydrofractured? Yes ☐ No ☐								From To			
										Casing Type Single casing								Joint Welded			
										Drive Shoe? Yes ☒ No ☐								Above/Below			
										Casing Diameter 4 in. To 240 ft.				Weight 10.79 lbs./ft.				Hole Diameter 8 in. To 240 ft. 4 in. To 291 ft.			
										Open Hole From 240 ft. To 291 ft.											
										Screen? ☐								Type Make			
										Static Water Level 215 ft. land surface Measure 10/00/1993											
										Pumping Level (below land surface) 219 ft. 2 hrs. Pumping at 20 g.p.m.											
										Wellhead Completion Pitless adapter manufacturer MOINTOR Model ☐ 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 neat cement 3.75 Cubic yards 0 ft. 240 ft.											
Nearest Known Source of Contamination 54 feet South 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 St.Lawrence-Tunnel City Aquifer Wonewoc Last Strat Wonewoc Sandstone Depth to Bedrock 20 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 610009 Y 4861549 Unique Number Verification Input Date 04/02/2002																					
Angled Drill Hole																					
Well Contractor Drussell Well Co. 85221 DRUNNELL, E. Licensee Business Lic. or Reg. No. Name of Driller																					