

689519

County Dodge
Quad Byron
Quad ID 50C

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

Entry Date

Update Date06/30/2015

Received Date00/00/2003

Well NameTownshipRangeDir SectionSubsection BARTEL, DON10716W 36AADAAB					Well DepthDepth CompletedDate Well Completed 320 ft.320 ft.05/22/2003																																																			
Elevation1243Elev. MethodCALC FROM 2-FOOT COUNTY DEM					Drill MethodAir RotaryDrill FluidFoam																																																			
Address C/W63193 280TH AV BYRON MN 55920					Use domesticStatusActive																																																			
Stratigraphy Information <table><thead><tr><th>Geological Material</th><th>From</th><th>To (ft.)</th><th>Color</th><th>Hardness</th></tr></thead><tbody><tr><td>DRIFT</td><td>0</td><td>15</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SAND & GRAVEL</td><td>15</td><td>32</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY & GRAVEL</td><td>32</td><td>60</td><td>GRAY</td><td>SOFT</td></tr><tr><td>BROKEN LIMESTONE</td><td>60</td><td>65</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>LIMESTONE</td><td>65</td><td>120</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>120</td><td>203</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>LIMESTONE</td><td>203</td><td>220</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>220</td><td>225</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SANDSTONE</td><td>225</td><td>320</td><td>GRAY</td><td>MEDIUM</td></tr></tbody></table>					Geological Material	From	To (ft.)	Color	Hardness	DRIFT	0	15	BROWN	SOFT	SAND & GRAVEL	15	32	BROWN	SOFT	CLAY & GRAVEL	32	60	GRAY	SOFT	BROKEN LIMESTONE	60	65	TAN	MEDIUM	LIMESTONE	65	120	GRAY	MEDIUM	SHALE	120	203	BLUE	MEDIUM	LIMESTONE	203	220	GRAY	MEDIUM	SHALE	220	225	BLUE	MEDIUM	SANDSTONE	225	320	GRAY	MEDIUM	Well Hydrofractured?YesNoFromTo Casing TypeSingle casingJointWelded Drive Shoe?YesNoAbove/Below Casing DiameterWeightHole Diameter 4 in. To 277 ft. lbs./ft.12 in. To 60 ft. 8 in. To 277 ft. 4 in. To 320 ft.	
					Geological Material	From	To (ft.)	Color	Hardness																																															
					DRIFT	0	15	BROWN	SOFT																																															
					SAND & GRAVEL	15	32	BROWN	SOFT																																															
					CLAY & GRAVEL	32	60	GRAY	SOFT																																															
					BROKEN LIMESTONE	60	65	TAN	MEDIUM																																															
					LIMESTONE	65	120	GRAY	MEDIUM																																															
					SHALE	120	203	BLUE	MEDIUM																																															
					LIMESTONE	203	220	GRAY	MEDIUM																																															
					SHALE	220	225	BLUE	MEDIUM																																															
SANDSTONE	225	320	GRAY	MEDIUM																																																				
Open HoleFrom 277 ft. To 320 ft.																																																								
Screen?TypeMake																																																								
Static Water Level 218 ft. land surfaceMeasure04/28/2003																																																								
Pumping Level (below land surface) 228 ft. 2 hrs. Pumping at15 g.p.m.																																																								
Wellhead Completion Pitless adapter manufacturerMONITORModel Casing Protection12 in. above grade At-grade (Environmental Wells and Borings ONLY)																																																								
Grouting InformationWell Grouted?YesNoNot Specified MaterialAmountFromTo neat cement4 Cubic yards0 ft. 277 ft.																																																								
Nearest Known Source of Contamination 50 feetDirectionType Well disinfected upon completion?YesNo																																																								
PumpNot InstalledDate Installed05/01/2003 Manufacturer's nameAERMOTOR Model NumberS20-300HP3Volt230 Length of drop pipe273 ft Capacity20 g.p. TypSubmersible																																																								
Abandoned Does property have any not in use and not sealed well(s)?YesNo																																																								
Variance Was a variance granted from the MDH for this well?YesNo																																																								
Miscellaneous First BedrockGalena/Prosser FmAquiferSt.Peter Last StratSt.Peter SandstoneDepth to Bedrock60 ft Located byMinnesota Geological Survey Locate MethodDigitization (Screen) - Map (1:24,000) (15 meters or SystemUTM - NAD83, Zone 15, MetersX 525752Y 4875726 Unique Number VerificationInfo/GPS from dataInput Date04/23/2003																																																								
Angled Drill Hole																																																								
Well Contractor Thein Well Co.55079THEIN, M. Licensee BusinessLic. or Reg. No.Name of Driller																																																								