

176297

CountyOtter Tail

QuadPelican

Quad ID239D

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date04/17/1988

Update Date08/09/2018

Received Date01/17/1983

Well NameTownshipRangeDir SectionSubsection WALD, ELMER13543W 14ABABBD					Well DepthDepth CompletedDate Well Completed 136 ft.136 ft.00/00/1983																																														
Elevation1345Elev. Method7.5 minute topographic map (+/- 5 feet)					Drill MethodJettedDrill Fluid																																														
Address C/WPELICAN RAPIDS MN					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>TOP SOIL</td><td>0</td><td>1</td><td>BLACK</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>1</td><td>12</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>ROCKY CLAY</td><td>12</td><td>36</td><td>YELLOW</td><td>HARD</td></tr><tr><td>GRAVEL</td><td>36</td><td>57</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>57</td><td>92</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SANDY CLAY</td><td>92</td><td>118</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>MIXED SAND</td><td>118</td><td>131</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>COARSE SAND</td><td>131</td><td>136</td><td>BLUE</td><td>MEDIUM</td></tr></tbody></table>					Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK	MEDIUM	CLAY	1	12	YELLOW	MEDIUM	ROCKY CLAY	12	36	YELLOW	HARD	GRAVEL	36	57	BROWN	MEDIUM	CLAY	57	92	BLUE	MEDIUM	SANDY CLAY	92	118	BLUE	MEDIUM	MIXED SAND	118	131	BLUE	MEDIUM	COARSE SAND	131	136	BLUE	MEDIUM	Well Hydrofractured?YesNoFromTo	
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Casing TypeSingle casingJointThreaded																																																			
Drive Shoe?YesNoAbove/Below1 ft.																																																			
Casing DiameterWeightHole Diameter 2 in. To 131 ft. 3.75 lbs./ft.2 in. To 134 ft.1.2 in. To 136 ft.																																																			
Open HoleFromft.Toft.																																																			
Screen?TypestainlessMakeJOHNSON DiameterSlot/GauzeLengthSet in.10ft.131 ft.136 ft.																																																			
Static Water Level																																																			
Pumping Level (below land surface)																																																			
Wellhead Completion Pitless adapter manufacturerModel Casing Protection12 in. above grade At-grade (Environmental Wells and Borings ONLY)																																																			
Grouting InformationWell Grouted?YesNoNot Specified																																																			
Nearest Known Source of Contamination feetDirectionType Well disinfected upon completion?YesNo																																																			
PumpNot InstalledDate Installed Manufacturer's name Model NumberHPVolt Length of drop pipeftCapacityg.p.Type																																																			
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 BedrockAquiferQuaternary Last Stratsand-grayDepth to Bedrockft Located byMinnesota Geological Survey Locate MethodDigitized - scale 1:24,000 or larger (Digitizing Table) SystemUTM - NAD83, Zone 15, MetersX 265312Y 5155652 Unique Number VerificationInformation fromInput Date01/01/1990																																																			
Angled Drill Hole																																																			
Well Contractor Bengtson Well Co.56076BENGTON, W. Licensee BusinessLic. or Reg. No.Name of Driller																																																			