

727016

County Becker
Quad Lake
Quad ID 238B

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

Entry Date

Update Date05/27/2014

Received Date04/27/2006

Well NameTownshipRangeDir SectionSubsection WILSON, KEVIN13841W 31BBAABB					Well DepthDepth CompletedDate Well Completed 82 ft.82 ft.09/21/2005																																		
Elevation1335Elev. Method LiDAR 1m DEM (MNDNR)					Drill MethodNon-specified RotaryDrill Fluid Bentonite																																		
Address Well23299 ROOSEVELT BEACH LA DETROIT LAKES MN 56501					UsedomesticStatus Active																																		
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>TOPSOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>SAND</td><td>2</td><td>25</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SAND/GRAVEL</td><td>25</td><td>45</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>COARSE SAND</td><td>45</td><td>70</td><td>GRAY</td><td>HARD</td></tr><tr><td>SAND</td><td>70</td><td>82</td><td>GRAY</td><td>MEDIUM</td></tr></tbody></table>					Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	2	BLACK	SOFT	SAND	2	25	BROWN	SOFT	SAND/GRAVEL	25	45	BROWN	MEDIUM	COARSE SAND	45	70	GRAY	HARD	SAND	70	82	GRAY	MEDIUM	Well Hydrofractured?YesNoFromTo				
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					Casing TypeSingle casingJoint																																		
					Drive Shoe?YesNoAbove/Below																																		
					Casing DiameterWeightHole Diameter 4 in. To 78 ft. 1 lbs./ft.8.2 in. To 20 ft. 6.7 in. To 82 ft.																																		
Open HoleFromft.Toft.																																							
Screen?☒TypeotherMakeJOHNSON DiameterSlot/GauzeLengthSet in.104 ft.78 ft.82 ft.																																							
Static Water Level 12 ft. land surfaceMeasure09/21/2005																																							
Pumping Level (below land surface) 78 ft. 1 hrs. Pumping at20 g.p.m.																																							
Wellhead Completion Pitless adapter manufacturerModel ☐ Casing Protection☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																							
Grouting InformationWell Grouted?☒ Yes☐ No☐ Not Specified MaterialAmountFromTo high solids bentonite4 Sacksft.30 ft.																																							
Nearest Known Source of Contamination 53 feetWest DirectionSeptic tank/drain field Type Well disinfected upon completion?☒ Yes☐ No																																							
Pump☒ Not InstalledDate Installed Manufacturer's name Model NumberHPVolt Length of drop pipeftCapacityg.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 BedrockAquiferQuat. Water Last Strat sand-grayDepth to Bedrockft Located byMinnesota Geological Survey Locate MethodGPS SA Off (averaged) (15 meters) SystemUTM - NAD83, Zone 15, MetersX 277125Y 5179423 Unique Number VerificationSite PlanInput Date04/15/2014																																							
Angled Drill Hole																																							
Well Contractor Pelican Well Drilling56736NEHK, C Licensee BusinessLic. or Reg. No.Name of Driller																																							