

787357

County Scott

Quad New

Quad ID 90D

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

Entry Date 05/23/2012

Update Date 09/09/2014

Received Date 01/17/2013

Well Name HAVLICEK,	Township 113	Range 23	Dir W	Section 1	Subsection CDBBDB	Well Depth 193 ft.	Depth Completed 193 ft.	Date Well Completed 12/21/2011																																													
Elevation 1003	Elev. Method CALC FROM 2-FOOT COUNTY DEM				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																															
Address C/W 740 229TH ST W JORDAN MN 55352						Use domestic	Status Active																																														
Stratigraphy Information <table border="1"> <thead> <tr> <th>Geological Material</th> <th>From</th> <th>To (ft.)</th> <th>Color</th> <th>Hardness</th> </tr> </thead> <tbody> <tr> <td>CLAY</td> <td>0</td> <td>32</td> <td>YELLOW</td> <td>MEDIUM</td> </tr> <tr> <td>CLAY</td> <td>32</td> <td>103</td> <td>GRAY</td> <td>MEDIUM</td> </tr> <tr> <td>CLAY W/STREAKS OF</td> <td>103</td> <td>123</td> <td>GRAY</td> <td>MEDIUM</td> </tr> <tr> <td>GRAVEL</td> <td>123</td> <td>154</td> <td>BROWN</td> <td>MEDIUM</td> </tr> <tr> <td>CLAY</td> <td>154</td> <td>162</td> <td>GRAY</td> <td>MEDIUM</td> </tr> <tr> <td>GRAVEL</td> <td>162</td> <td>169</td> <td>BROWN</td> <td>MEDIUM</td> </tr> <tr> <td>CLAY</td> <td>169</td> <td>174</td> <td>GRAY</td> <td>MEDIUM</td> </tr> <tr> <td>GRAVEL</td> <td>174</td> <td>193</td> <td>BROWN</td> <td>MEDIUM</td> </tr> </tbody> </table>						Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	32	YELLOW	MEDIUM	CLAY	32	103	GRAY	MEDIUM	CLAY W/STREAKS OF	103	123	GRAY	MEDIUM	GRAVEL	123	154	BROWN	MEDIUM	CLAY	154	162	GRAY	MEDIUM	GRAVEL	162	169	BROWN	MEDIUM	CLAY	169	174	GRAY	MEDIUM	GRAVEL	174	193	BROWN	MEDIUM	Well Hydrofractured? Yes ☐ No ☒ From To		
						Geological Material	From	To (ft.)	Color	Hardness																																											
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						GRAVEL	174	193	BROWN	MEDIUM																																											
Casing Type Single casing Joint																																																					
Drive Shoe? Yes ☐ No ☒ Above/Below																																																					
Casing Diameter Weight Hole Diameter																																																					
4 in. To 185. ft. lbs./ft. 6.2 in. To 193 ft.																																																					
Open Hole From ft. To ft.																																																					
Screen? ☒ Type stainless Make JOHNSON																																																					
Diameter Slot/Gauze Length Set																																																					
3 in. 20 ft. ft. 193 ft.																																																					
3 in. 18 ft. 185.5 ft. ft.																																																					
Static Water Level																																																					
147 ft. land surface Measure 12/22/2011																																																					
Pumping Level (below land surface)																																																					
ft. hrs. Pumping at 20 g.p.m.																																																					
Wellhead Completion																																																					
Pitless adapter manufacturer WHITEWATER 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																																																					
bentonite 4 Sacks ft. 50 ft.																																																					
Nearest Known Source of Contamination																																																					
<u>75</u> feet <u>North</u> Direction <u>Septic tank/drain field</u> Type																																																					
Well disinfected upon completion? ☐ Yes ☐ No																																																					
Pump ☐ Not Installed Date Installed <u>12/22/2011</u>																																																					
Manufacturer's name AERMOTOR																																																					
Model Number <u>12AS100</u> HP <u>1</u> Volt <u>230</u>																																																					
Length of drop pipe <u>168</u> ft Capacity <u>12</u> g.p. Typ <u>Submersible</u>																																																					
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 Quat. buried																																																					
Last Strat gravel (+larger)-brown Depth to Bedrock ft																																																					
Located by Minnesota Department of Health																																																					
Locate Method GPS SA Off (averaged) (15 meters)																																																					
System UTM - NAD83, Zone 15, Meters X 457439 Y 4940768																																																					
Unique Number Verification Info/GPS from data Input Date 05/22/2012																																																					
Angled Drill Hole																																																					
Well Contractor																																																					
Bohn Well Drilling Co., Inc. 1445 BOHN, G.																																																					
Licensee Business Lic. or Reg. No. Name of Driller																																																					
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