

113135

County Becker
Quad Ponsford
Quad ID 257B

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

Entry Date 09/08/1990
Update Date 05/22/2014
Received Date

Well Name HANSON,					Township 140	Range 38	Dir W	Section 33	Subsection DDCDCA	Well Depth 206 ft.		Depth Completed 206 ft.		Date Well Completed 03/00/1982																																																															
Elevation 1519					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Cable Tool		Drill Fluid																																																																	
Address C/W 43812 34 SH OSAGE MN										Use domestic		Status Active																																																																	
										Well Hydrofractured?		Yes ☐		No ☐		From To																																																													
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY & SAND</td><td>0</td><td>30</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>30</td><td>51</td><td>GRAY</td><td>SOFT</td></tr><tr><td>ROCKS</td><td>51</td><td>54</td><td></td><td>HARD</td></tr><tr><td>CLAY</td><td>54</td><td>90</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>90</td><td>91</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>91</td><td>125</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>125</td><td>126</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>126</td><td>145</td><td>GRAY</td><td>SOFT</td></tr><tr><td>FINE SAND</td><td>145</td><td>146</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>146</td><td>203</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>203</td><td>206</td><td>GRAY</td><td>MEDIUM</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	CLAY & SAND	0	30	BROWN	SOFT	CLAY	30	51	GRAY	SOFT	ROCKS	51	54		HARD	CLAY	54	90	GRAY	SOFT	SAND	90	91	GRAY	SOFT	CLAY	91	125	GRAY	SOFT	SAND	125	126	GRAY	MEDIUM	CLAY	126	145	GRAY	SOFT	FINE SAND	145	146	GRAY	SOFT	CLAY	146	203	GRAY	MEDIUM	SAND	203	206	GRAY	MEDIUM	Casing Type Single casing		Joint Threaded					
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SAND	203	206	GRAY	MEDIUM																																																																									
Drive Shoe?		Yes ☒		No ☐		Above/Below		2 ft.																																																																					
Casing Diameter		4 in.		Weight		202 ft.		11 lbs./ft.																																																																					
Open Hole										From		ft.		To		ft.																																																													
Screen?		☒		Type		stainless		Make		JOHNSON																																																																			
Diameter		4 in.		Slot/Gauze		20		Length		4 ft.		Set		202 ft.		206 ft.																																																													
Static Water Level										-5 ft.		land surface		Measure		03/00/1982																																																													
Pumping Level (below land surface)										10 ft.		4 hrs.		Pumping at		40 g.p.m.																																																													
Wellhead Completion										Pitless adapter manufacturer				Model																																																															
☐		Casing Protection		☐		12 in. above grade																																																																							
☐		At-grade (Environmental Wells and Borings ONLY)																																																																											
Grouting Information										Well Grouted?		☐ Yes		☒ No		☐ Not Specified																																																													
Nearest Known Source of Contamination										75 feet		West 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		Aquifer		Quat. buried																																																															
Last Strat		sand-gray		Depth to Bedrock		ft																																																																							
Located by										Minnesota Geological Survey																																																																			
Locate Method										GPS SA Off (averaged) (15 meters)																																																																			
System				UTM - NAD83, Zone 15, Meters				X 310969				Y 5196004																																																																	
Unique Number Verification				Tax Records				Input Date				02/04/2014																																																																	
Angled Drill Hole																																																																													
Well Contractor										C.c.w. Construction		80297		WINGARD, C.																																																															
Licensee Business				Lic. or Reg. No.				Name of Driller																																																																					