

Minnesota Unique Well Number

820162

County Sibley
Quad Belle Plaine
Quad ID 91A

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

Entry Date 09/14/2017
Update Date 10/20/2017
Received Date 05/30/2017

Well Name THEIS, JOEL					Township 114		Range 25		Dir Section W 32		Subsection BBDBBC		Well Depth 227 ft.			Depth Completed 227 ft.			Date Well Completed 12/28/2016							
Elevation 961.3					Elev. Method		LiDAR 1m DEM (MNDNR)							Drill Method Non-specified Rotary			Drill Fluid Bentonite									
Address												Use domestic			Status											
C/W 21282 60 CR HENDERSON MN 55044												Well Hydrofractured? Yes ☐ No ☒			From			To								
Stratigraphy Information												Casing Type Single casing			Joint											
												Drive Shoe? Yes ☐ No ☐			Above/Below											
Geological Material												From			To (ft.)			Color			Hardness					
TOPSOIL												0			3			BLACK			SOFT					
CLAY												3			30			YELLOW			SOFT					
CLAY												30			110			BLUE			SOFT					
CLAY/GRAVEL												110			180			BLUE			SOFT					
CLAY												180			195			BLUE			MEDIUM					
SAND												195			227											
												Open Hole			From			ft.			To			ft.		
												Screen? ☒			Type stainless			Make JOHNSON								
												Diameter			Slot/Gauze			Length			Set					
												2 in.			15			5 ft.			222 ft.			227 ft.		
												Static Water Level														
												185 ft.			top of platform above			Measure			04/11/2017					
												Pumping Level (below land surface)														
												222 ft.			1 hrs.			Pumping at			30 g.p.m.					
												Wellhead Completion														
												Pitless adapter manufacturer			MONITOR			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					
												cuttings			2 Sacks			50 ft.			222 ft.					
															5 Sacks			ft.			50 ft.					
												Nearest Known Source of Contamination														
												75 feet			West Direction						Type					
												Well disinfected upon completion? ☐ Yes ☐ No														
												Pump ☐ Not Installed														
												Date Installed			04/17/2017											
												Manufacturer's name			GOULDS											
												Model Number			HP 1			Volt 220								
												Length of drop pipe			200 ft			Capacity 10 g.p.			Typ Submersible					
												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											
												Last Strat			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 431247			Y 4943558					
												Unique Number Verification			Info/GPS from data			Input Date			02/28/2017					
												Angled Drill Hole														
												Well Contractor														
												Braunwarth Well, LLP			1316			BRAUNWARTH, M								
												Licensee Business			Lic. or Reg. No.			Name of Driller								
Remarks																										

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