

727419

County Otter Tail
Quad Wrightstow
Quad ID 215C

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

Entry Date 01/02/2014
Update Date 02/25/2019
Received Date 08/19/2013

Well Name RICHTER, JOE					Township 133	Range 36	Dir W	Section 36	Subsection CDADCC
Elevation 1480					Elev. Method LiDAR 1m DEM (MNDNR)				
Address									
Contact					10787 470TH ST HEWITT MN 56453				
Well					22111 ZIMMERMAN RD HEWITT MN 56453				
Stratigraphy Information									
Geological Material		From	To (ft.)	Color	Hardness				
CLAY		0	44	YELLOW	MEDIUM				
CLAY		44	70	GRAY	MEDIUM				
SAND, POOR		70	73	GRAY	SOFT				
CLAY		73	95	GRAY	MEDIUM				
SANDY CLAY		95	118	GRAY	SOFT				
CLAY		118	123	GRAY	HARD				
SAND		123	133	GRAY	SOFT				
Well Depth 133 ft.					Depth Completed 133 ft.			Date Well Completed 06/06/2013	
Drill Method Non-specified Rotary					Drill Fluid Bentonite				
Use domestic					Status Active				
Well Hydrofractured? Yes ☐ No ☒					From To				
Casing Type Single casing					Joint				
Drive Shoe? Yes ☒ No ☐					Above/Below				
Casing Diameter 4 in.			Weight 125 ft.			Hole Diameter 6.2 in.			
			lbs./ft.			133 ft.			
Open Hole									
		From	ft.		To		ft.		
Screen? Diameter		☒	Type Slot/Gauze		stainless		Make JOHNSON		
3.7 in.		12	8 ft.		125 ft.		129 ft.		
3.7 in.		10	8 ft.		129 ft.		133 ft.		
Static Water Level									
37 ft.		land surface				Measure		06/06/2013	
Pumping Level (below land surface)									
60 ft.		2 hrs.		Pumping at		20		g.p.m.	
Wellhead Completion									
Pitless adapter manufacturer					MONITOR			Model 4X1	
☐ 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
high solids bentonite							ft. 50		ft.
Nearest Known Source of Contamination									
100 feet		Southwes Direction				Septic tank/drain field Type			
Well disinfected upon completion?					☒ Yes ☐ No				
Pump Manufacturer's name					☐ Not Installed		Date Installed		06/14/2013
SCHAEFER									
Model Number		LEGEND		HP 0.5		Volt		230	
Length of drop pipe		100 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 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 333139		Y 5127914		
Unique Number Verification					Site Plan		Input Date		12/15/2017
Angled Drill Hole									
Well Contractor									
Eldon Cichy Well Drilling and					1801		CICHY, E.		
Licensee Business					Lic. or Reg. No.		Name of Driller		
Remarks SCREEN: SLOT: 1 4X4, #12. 1 4X4, #10.									