

816592

County Otter Tail
Quad Lake
Quad ID 238B

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

Entry Date
Update Date 07/11/2018
Received Date 02/01/2016

Well Name MARTI, TODD					Township 137	Range 42	Dir W	Section 34	Subsection BADDCC	Well Depth 455 ft.			Depth Completed 443 ft.			Date Well Completed 11/19/2015		
Elevation 1357					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary			Drill Fluid Qwik gel					
Address										Use domestic			Status Active					
Contact 3155 43RD ST S FARGO ND 58104										Well Hydrofractured? Yes ☐ No ☐			From To					
Well 24983 LABRADOR BEACH TR PELICAN RAPIDS MN 56572										Casing Type Single casing			Joint					
Stratigraphy Information										Drive Shoe? Yes ☐ No ☐			Above/Below					
Geological Material					From	To (ft.)	Color	Hardness	Casing Diameter 5 in. To 434 ft. lbs./ft.									
SAND					0	8	BROWN											
CLAY					8	22	YELLOW											
SAND					22	26	BROWN											
SAND + CLAY					26	41	YELLOW											
CLAY					41	260	BLUE											
SAND, NO WATER					260	305												
SANDY CLAY					305	360	BLUE											
CLAY					360	434	BLUE	HARD										
SAND, 25 SLOT,					434	437												
SAND, NOT AS GOOD					437	438												
SAND, TAKES WATER					438	443												
CLAY					443	455	GREEN											
Open Hole										From	ft.	To	ft.					
Screen? ☒										Type stainless		Make JOHNSON						
Diameter										Slot/Gauze	Length	Set						
5 in.										25	9 ft.	434 ft.	443 ft.					
Static Water Level										40 ft.		land surface		Measure 11/19/2015				
Pumping Level (below land surface)										443 ft.		2 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				
bentonite												ft. 140		ft.				
Nearest Known Source of Contamination										55 feet		Northeas Direction		Other Type				
Well disinfected upon completion?										☒ Yes ☐ No								
Pump ☐ Not Installed										Date Installed		11/19/2015						
Manufacturer's name										GRUNDFOS								
Model Number										10SQE07-	HP	0.75	Volt	230				
Length of drop pipe										80 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										clay-green		Depth to Bedrock		ft				
Located by										Minnesota Geological Survey								
Locate Method										GPS SA Off (averaged) (15 meters)								
System										UTM - NAD83, Zone 15, Meters		X 272477		Y 5169506				
Unique Number Verification										Site Plan		Input Date		12/15/2017				
Angled Drill Hole																		
Well Contractor										Antonsen Well Drilling, Inc.		2147		WASKOSKY, T.				
Licensee Business										Lic. or Reg. No.		Name of Driller						
Minnesota Well Index Report					816592					Printed on 08/13/2026 HE-01205-15								