

702498

County Otter Tail
Quad Cormorant
Quad ID 239A

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

Entry Date
Update Date 09/07/2022
Received Date 07/21/2004

Well Name ED JOHNSON					Township 137	Range 43	Dir Section W 2	Subsection CDDACB	Well Depth 57 ft.					Depth Completed 57 ft.					Date Well Completed 07/02/2004																				
Elevation 1321					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary					Drill Fluid Bentonite																								
Address										Use domestic					Status Active																								
Contact 21076 20 CH PELICAN RAPIDS MN 56572										Well Hydrofractured? Yes ☐ No ☐					From To																								
Well 51082 9 CH MN										Casing Type Single casing					Joint																								
Stratigraphy Information										Drive Shoe? Yes ☐ No ☐					Above/Below																								
Geological Material					From	To (ft.)	Color	Hardness	Casing Diameter					Weight					Hole Diameter																				
TOP SOIL					0	1	BLACK	HARD	4 in. To					53 ft. 1 lbs./ft.					8.2 in. To 30 ft.																				
SAND					1	10	BROWN	SOFT											7 in. To 57 ft.																				
SAND					10	20	GRAY	SOFT																															
CLAY					20	23	GRAY	MEDIUM																															
SAND					23	35	GRAY	SOFT																															
SAND - FINE					35	40	GRAY	SOFT																															
SANDY CLAY					40	50	GRAY	MEDIUM																															
SAND					50	57	GRAY	SOFT																															
										Open Hole					From					To																			
										Screen? ☒					Type stainless					Make JOHNSON																			
										Diameter					Slot/Gauze					Length					Set														
										4 in.					15					4 ft.					53 ft. 57 ft.														
										Static Water Level																													
										4 ft.					land surface					Measure					07/02/2004														
										Pumping Level (below land surface)																													
										52 ft.					1 hrs.					Pumping at					30 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														
										Material					Amount					From					To														
										high solids bentonite					3 Sacks					0 ft.					30 ft.														
										Nearest Known Source of Contamination																													
										25 feet					Northwes Direction					Sewer Type																			
										Well disinfected upon completion? ☒ Yes ☐ No																													
										Pump ☐ Not Installed															Date Installed					07/06/2004									
										Manufacturer's name															STA-RITE														
										Model Number					HP					0.5					Volt					230									
										Length of drop pipe					20 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 264524					Y 5176969														
										Unique Number Verification					Site Plan					Input Date					12/15/2017														
										Angled Drill Hole																													
										Well Contractor																													
										Pelican Well Drilling					56736					ERICKSON, R																			
										Licensee Business					Lic. or Reg. No.					Name of Driller																			
Remarks																																							