

400723

County Crow Wing
Quad
Quad ID

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

Entry Date09/08/1990
Update Date02/14/2014
Received Date

Well Name LIGHTNER,	Township 44	Range 30	Dir W	Section 29	Subsection D	Well Depth 172 ft.	Depth Completed 172 ft.	Date Well Completed 11/21/1983					
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid						
Address C/W RR 1 BOX 166 BRAINERD MN 56401						Use domestic	Status Active						
						Well Hydrofractured?		Yes ☐	No ☐	From	To		
						Casing Type		Single casing		Joint			
Stratigraphy Information Geological MaterialFromTo (ft.)ColorHardness SANDY CLAY02BROWNSOFT SAND27BROWNSOFT SANDY CLAY712BROWNSOFT SAND & ROCKS1237BROWNSOFT SANDY CLAY3788BROWNSOFT SANDY CLAY88147GRAYM.SOFT SAND147BROWNSOFT						Drive Shoe?	Yes ☐	No ☐	Above/Below				
						Casing Diameter		Weight					
						5 in. To		168 ft.		lbs./ft.			
						Open Hole		From		ft. To			
						Screen?		☒		Type	plastic	Make	JOHNSON
						Diameter		Slot/Gauze		Length		Set	
						5 in.		20		4 ft.		168 ft.	172 ft.
						Static Water Level		33 ft.		land surface		Measure	11/21/1983
						Pumping Level (below land surface)		53 ft.		1 hrs.		Pumping at	10 g.p.m.
						Wellhead Completion		Pitless adapter manufacturer		MAASS		Model	JC1
☐ 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							
neat cement				7 ft.		38 ft.							
Nearest Known Source of Contamination		75 feet		Southeas 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									
Last Strat				Depth to Bedrock		ft							
Located by													
Locate Method													
System		UTM - NAD83, Zone 15, Meters		X		Y							
Unique Number Verification						Input Date							
Angled Drill Hole													
Well Contractor		Traut M.J. Well Co.		71536		MARK & PAT							
Licensee Business				Lic. or Reg. No.		Name of Driller							