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County Otter Tail
Quad Dent
Quad ID 237C

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

Entry Date 06/03/2004
Update Date 02/12/2019
Received Date 12/10/2003

Well Name HAMMERS,	Township 136	Range 40	Dir W	Section 2	Subsection DDDDCA	Well Depth 95 ft.	Depth Completed 90 ft.	Date Well Completed 08/19/2003
Elevation 1360.6	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite		
Address Well LITTLE MC DONALD RD E PERHAM MN 56573						Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 5 YELLOW SOFT SAND & GRAVEL 5 95 GRAY SOFT						Well Hydrofractured? Yes ☐ No ☒ From To		
						Casing Type Single casing Joint Glued		
						Drive Shoe? Yes ☒ No ☐ Above/Below		
						Casing Diameter Weight Hole Diameter 4 in. To 85 ft. lbs./ft. 6.7 in. To 23 ft. 6.2 in. To 95 ft.		
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 3.7 in. 18 5 ft. 85 ft. 90 ft.		
						Static Water Level 3.5 ft. land surface Measure 08/19/2003		
						Pumping Level (below land surface) 25 ft. 1 hrs. Pumping at 200 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 ft. 30 ft.		
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No								
Pump ☐ Not Installed Date Installed 08/30/2003 Manufacturer's name AERMOTOR Model Number A12-50 HP 0.5 Volt 230 Length of drop pipe 20 ft Capacity 12 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 +larger-gray 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 294836 Y 5165839 Unique Number Verification Other, note in Input Date 09/23/2003								
Angled Drill Hole								
Well Contractor Cichy R.d. Well Co. 56468 CICKY, R. Licensee Business Lic. or Reg. No. Name of Driller								

Remarks
LOCATED BY MDH