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County Mille Lacs
Quad Foreston
Quad ID 154B

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 12/29/2000

Update Date 11/13/2018

Received Date

Well Name MIDWEST Elevation 1095.8 Address C/W 146 150TH AV FORESTON MN 56330 Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY</td><td>0</td><td>46</td><td>BROWN</td><td></td></tr><tr><td>CLAY AND ROCKS</td><td>46</td><td>50</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>50</td><td>57</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>57</td><td>60</td><td>BROWN</td><td></td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	46	BROWN		CLAY AND ROCKS	46	50	GRAY		SAND	50	57	BROWN		CLAY	57	60	BROWN		Well Depth 60 ft. Drill Method Non-specified Rotary Use domestic Well Hydrofractured? Yes ☐ No ☒ Casing Type Single casing Drive Shoe? Yes ☐ No ☒ Casing Diameter 4 in. To 53 ft. Weight lbs./ft. Hole Diameter 8 in. To 57 ft. Open Hole From ft. To ft. Screen? ☒ Slot/Gauze 4 in. 18 Type plastic Length 4 ft. Make JOHNSON Set 53 ft. 57 ft. Static Water Level 13 ft. land surface Measure 07/07/2000 Pumping Level (below land surface) 57 ft. 1 hrs. Pumping at 35 g.p.m. Wellhead Completion Pitless adapter manufacturer MAAS Model 4J1 ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY) Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified <table><tr><td>Material</td><td>Amount</td><td>From</td><td>To</td></tr><tr><td>high solids bentonite</td><td>4 Sacks</td><td>0 ft.</td><td>30 ft.</td></tr><tr><td>cuttings</td><td></td><td>30 ft.</td><td>43 ft.</td></tr></table> Nearest Known Source of Contamination 55 feet West Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No Pump ☐ Not Installed Date Installed 07/07/2000 Manufacturer's name GRIZZLY Model Number 12G9 HP 0.5 Volt 230 Length of drop pipe 40 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 Last Strat Aquifer Depth to Bedrock ft Located by Minnesota Department of Health Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 444053 Y 5065168 Unique Number Verification Tag on well Input Date 11/13/2018 Angled Drill Hole Well Contractor Traut M.J. Well Co. 71536 PERRY & KRIS Licensee Business Lic. or Reg. No. Name of Driller	Material	Amount	From	To	high solids bentonite	4 Sacks	0 ft.	30 ft.	cuttings		30 ft.	43 ft.
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