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County Aitkin  
Quad  
Quad ID

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

Entry Date

Update Date09/26/2023

Received Date07/23/2023

|                                                                                                                               |                |             |          |               |                   |                                                                                                                          |                            |                                   |
|-------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|----------|---------------|-------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| Well Name<br>MILLER,                                                                                                          | Township<br>47 | Range<br>26 | Dir<br>W | Section<br>31 | Subsection<br>CCD | Well Depth<br>123 ft.                                                                                                    | Depth Completed<br>123 ft. | Date Well Completed<br>05/30/2023 |
| Elevation                                                                                                                     | Elev. Method   |             |          |               |                   | Drill Method<br>Non-specified Rotary                                                                                     | Drill Fluid<br>Bentonite   |                                   |
| Address                                                                                                                       |                |             |          |               |                   | Use<br>domestic                                                                                                          | Status<br>Active           |                                   |
| C/W<br>39848 342ND LA AITKIN MN 56431                                                                                         |                |             |          |               |                   | Well Hydrofractured?<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> From To                      |                            |                                   |
| Stratigraphy Information                                                                                                      |                |             |          |               |                   | Casing Type<br>Single casing Joint                                                                                       |                            |                                   |
| Geological Material                                                                                                           |                |             |          |               |                   | Drive Shoe?<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Above/Below                           |                            |                                   |
| CLAY/ROCKS                                                                                                                    |                |             |          |               |                   | Casing Diameter<br>4 in. To 119 ft. lbs./ft.                                                                             |                            |                                   |
| CLAY/ROCKS                                                                                                                    |                |             |          |               |                   | Weight<br>6.7 in. To 123 ft.                                                                                             |                            |                                   |
| CLAY/GRAVEL                                                                                                                   |                |             |          |               |                   | Hole Diameter                                                                                                            |                            |                                   |
| SAND                                                                                                                          |                |             |          |               |                   | Hole Diameter                                                                                                            |                            |                                   |
| Open Hole                                                                                                                     |                |             |          |               |                   | From ft. To ft.                                                                                                          |                            |                                   |
| Screen? <input checked="" type="checkbox"/>                                                                                   |                |             |          |               |                   | Type stainless Make JOHNSON                                                                                              |                            |                                   |
| Diameter Slot/Gauze Length Set                                                                                                |                |             |          |               |                   | Diameter Slot/Gauze Length Set                                                                                           |                            |                                   |
| 2 in. 10 4 ft. 119 ft. 123 ft.                                                                                                |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Static Water Level                                                                                                            |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| 20 ft. land surface Measure 05/30/2023                                                                                        |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Pumping Level (below land surface)                                                                                            |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| 100 ft. 1 hrs. Pumping at 15 g.p.m.                                                                                           |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Wellhead Completion                                                                                                           |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Pitless adapter manufacturer MONITOR Model SNAPPY                                                                             |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade                                        |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                      |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Grouting Information                                                                                                          |                |             |          |               |                   | Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified |                            |                                   |
| Material Amount From To                                                                                                       |                |             |          |               |                   | Material Amount From To                                                                                                  |                            |                                   |
| bentonite 4 Sacks ft. 50 ft.                                                                                                  |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Nearest Known Source of Contamination                                                                                         |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| 50 feet Direction Type                                                                                                        |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                         |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Pump <input type="checkbox"/> Not Installed Date Installed                                                                    |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Manufacturer's name STA-RITE                                                                                                  |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Model Number HP 0.5 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Variance                                                                                                                      |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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                                                                                                               |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Hasskamp Bros. Well Drilling 1585 CORY + CHAD                                                                                 |                |             |          |               |                   |                                                                                                                          |                            |                                   |
| Licensee Business Lic. or Reg. No. Name of Driller                                                                            |                |             |          |               |                   |                                                                                                                          |                            |                                   |