

855830

County Becker  
Quad Height Of  
Quad ID 258A

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

Entry Date  
Update Date 01/25/2022  
Received Date 09/01/2020

|                                                              |                                             |                    |                 |                      |                             |
|--------------------------------------------------------------|---------------------------------------------|--------------------|-----------------|----------------------|-----------------------------|
| <b>Well Name</b><br>GRAY, STEVEN                             | <b>Township</b><br>140                      | <b>Range</b><br>38 | <b>Dir</b><br>W | <b>Section</b><br>30 | <b>Subsection</b><br>BDCBDA |
| <b>Elevation</b><br>1549                                     | <b>Elev. Method</b><br>LiDAR 1m DEM (MNDNR) |                    |                 |                      |                             |
| <b>Address</b><br><br>Well N/A 126 CO DETROIT LAKES MN 56501 |                                             |                    |                 |                      |                             |
| <b>Stratigraphy Information</b>                              |                                             |                    |                 |                      |                             |
| Geological Material                                          |                                             | From               | To (ft.)        | Color                | Hardness                    |
| TOP SOIL                                                     |                                             | 0                  | 2               | BLACK                | SOFT                        |
| CLAY                                                         |                                             | 2                  | 78              | GRAY                 | SOFT                        |
| FINE SAND                                                    |                                             | 78                 | 85              | WHT/GRY              | SOFT                        |
| MEDIUM SAND                                                  |                                             | 85                 | 94              | WHT/GRY              | SOFT                        |

|                                                                                                                                                                                                                                                                                                                  |                                     |                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------|
| <b>Well Depth</b><br>94 ft.                                                                                                                                                                                                                                                                                      | <b>Depth Completed</b><br>94 ft.    | <b>Date Well Completed</b><br>08/27/2020                       |
| <b>Drill Method</b><br>Non-specified Rotary                                                                                                                                                                                                                                                                      | <b>Drill Fluid</b><br>Bentonite     |                                                                |
| <b>Use</b><br>domestic                                                                                                                                                                                                                                                                                           | <b>Status</b><br>Active             |                                                                |
| <b>Well Hydrofractured?</b><br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                                                                                                                                                                                               | <b>From</b>                         | <b>To</b>                                                      |
| <b>Casing Type</b><br>Single casing                                                                                                                                                                                                                                                                              | <b>Joint</b>                        |                                                                |
| <b>Drive Shoe?</b><br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                                                                                                                                                                                                        | <b>Above/Below</b>                  |                                                                |
| <b>Casing Diameter</b><br>4 in.                                                                                                                                                                                                                                                                                  | <b>Weight</b><br>To 90 ft. lbs./ft. | <b>Hole Diameter</b><br>7.7 in. To 20 ft.<br>6.7 in. To 94 ft. |
| <b>Open Hole</b>                                                                                                                                                                                                                                                                                                 | From ft.                            | To ft.                                                         |
| <b>Screen?</b> <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                               | <b>Type</b> stainless               | <b>Make</b> JOHNSON                                            |
| <b>Diameter</b><br>4 in.                                                                                                                                                                                                                                                                                         | <b>Slot/Gauze</b><br>18             | <b>Length</b><br>4 ft.                                         |
|                                                                                                                                                                                                                                                                                                                  | <b>Set</b><br>90 ft.                | <b>ft.</b><br>94 ft.                                           |
| <b>Static Water Level</b><br>40 ft. land surface Measure 08/27/2020                                                                                                                                                                                                                                              |                                     |                                                                |
| <b>Pumping Level (below land surface)</b><br>45 ft. 2 hrs. Pumping at 30 g.p.m.                                                                                                                                                                                                                                  |                                     |                                                                |
| <b>Wellhead Completion</b><br>Pitless adapter manufacturer MONITOR Model B4B0<br><input type="checkbox"/> Casing Protection <input checked="" type="checkbox"/> 12 in. above grade<br><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                   |                                     |                                                                |
| <b>Grouting Information</b> Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified                                                                                                                                                             |                                     |                                                                |
| <b>Material</b><br>bentonite                                                                                                                                                                                                                                                                                     | <b>Amount</b><br>350 Sacks          | <b>From To</b><br>ft. 50 ft.                                   |
| <b>Nearest Known Source of Contamination</b><br>36 feet North Direction Body of water Type<br>Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                              |                                     |                                                                |
| <b>Pump</b> <input type="checkbox"/> Not Installed Date Installed 09/01/2020<br>Manufacturer's name FLO-WISE<br>Model Number P10S05 HP 0.5 Volt 230<br>Length of drop pipe 40 ft Capacity 10 g.p. Typ Submersible                                                                                                |                                     |                                                                |
| <b>Abandoned</b><br>Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                |                                     |                                                                |
| <b>Variance</b><br>Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                        |                                     |                                                                |
| <b>Miscellaneous</b><br>First Bedrock Aquifer<br>Last Strat Depth to Bedrock ft<br>Located by Minnesota Department of Health<br>Locate Method GPS SA Off (averaged) (15 meters)<br>System UTM - NAD83, Zone 15, Meters X 306990 Y 5198595<br>Unique Number Verification Info/GPS from data Input Date 10/28/2021 |                                     |                                                                |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                         |                                     |                                                                |
| <b>Well Contractor</b><br>Antonsen Well Drilling, Inc. 2147 CANTON, C<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                      |                                     |                                                                |