

844163

County Morrison  
Quad  
Quad ID

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

Entry Date 12/11/2019  
Update Date 12/11/2019  
Received Date 07/29/2019

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|---------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------|-------------------------------------------|----------|------|---|----|-------|--------|-----------|----|----|-------|------|------|----|----|-------|------|------|----|----|------|------|------|----|----|-------|--------|-----------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>Well Name</b><br>SCHMIDTBAUER 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Township</b><br>29 | <b>Range</b><br>W 12 | <b>Dir Section</b><br>ABB | <b>Subsection</b> | <b>Well Depth</b><br>36 ft.                                                                                  | <b>Depth Completed</b><br>36 ft. | <b>Date Well Completed</b><br>07/19/2019 |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Elevation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Elev. Method</b>   |                      |                           |                   | <b>Drill Method</b><br>Non-specified Rotary                                                                  | <b>Drill Fluid</b>               |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Address</b><br><br>C/W 36625 93RD ST HILLMAN MN 56338                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |                      |                           |                   | <b>Use</b><br>domestic                                                                                       | <b>Status</b><br>Active          |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Stratigraphy Information</b> <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>18</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>FINE SAND</td><td>18</td><td>22</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>22</td><td>28</td><td>BROWN</td><td>HARD</td></tr><tr><td>SAND</td><td>28</td><td>36</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>36</td><td>36</td><td>BROWN</td><td>MEDIUM</td></tr></table> |                       |                      |                           |                   | Geological Material                                                                                          | From                             | To (ft.)                                 | Color                                     | Hardness | CLAY | 0 | 18 | BROWN | MEDIUM | FINE SAND | 18 | 22 | BROWN | SOFT | CLAY | 22 | 28 | BROWN | HARD | SAND | 28 | 36 | GRAY | SOFT | CLAY | 36 | 36 | BROWN | MEDIUM | <b>Well Hydrofractured?</b><br><b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>From</b> <b>To</b> |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | Geological Material                                                                                          | From                             | To (ft.)                                 | Color                                     | Hardness |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | CLAY                                                                                                         | 0                                | 18                                       | BROWN                                     | MEDIUM   |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | FINE SAND                                                                                                    | 18                               | 22                                       | BROWN                                     | SOFT     |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | CLAY                                                                                                         | 22                               | 28                                       | BROWN                                     | HARD     |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | SAND                                                                                                         | 28                               | 36                                       | GRAY                                      | SOFT     |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | CLAY                                                                                                         | 36                               | 36                                       | BROWN                                     | MEDIUM   |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | <b>Casing Type</b><br>Single casing <input type="checkbox"/> Joint <input type="checkbox"/>                  |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | <b>Drive Shoe?</b> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Above/Below</b> |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   | <b>Casing Diameter</b><br>4 in. To 32 ft. lbs./ft.                                                           |                                  |                                          | <b>Hole Diameter</b><br>7.8 in. To 36 ft. |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Open Hole</b><br>From ft. To ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Screen?</b> <input checked="" type="checkbox"/> <b>Type</b> stainless <b>Make</b> JOHNSON<br>Diameter Slot/Gauze Length Set<br>4 in. 15 4 ft. 32 ft. 36 ft.                                                                                                                                                                                                                                                                                                                                                              |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Static Water Level</b><br>7 ft. null Measure 07/19/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Pumping Level (below land surface)</b><br>36 ft. 1 hrs. Pumping at 15 g.p.m.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Wellhead Completion</b><br>Pitless adapter manufacturer Model<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<br>Material Amount From To<br>bentonite 3 Sacks ft. 28 ft.                                                                                                                                                                                                                                                                                                             |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Nearest Known Source of Contamination</b><br>75 feet East Direction Septic tank/drain field Type<br>Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Pump</b> <input checked="" type="checkbox"/> Not Installed Date Installed<br>Manufacturer's name<br>Model Number HP Volt<br>Length of drop pipe ft Capacity g.p. Typ                                                                                                                                                                                                                                                                                                                                                     |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <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<br>Locate Method<br>System UTM - NAD83, Zone 15, Meters X Y<br>Unique Number Verification Input Date                                                                                                                                                                                                                                                                                                                          |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |
| <b>Well Contractor</b><br>Mark J Traut Wells, Inc. 1404 PERRY, P.<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                      |                           |                   |                                                                                                              |                                  |                                          |                                           |          |      |   |    |       |        |           |    |    |       |      |      |    |    |       |      |      |    |    |      |      |      |    |    |       |        |                                                                                                                             |  |  |