

835924

County Martin  
Quad Wilbert  
Quad ID 15D

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

Entry Date  
Update Date 07/08/2024  
Received Date 01/26/2021

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------|-------------------------------|-------------------|---------------------------------------------|-----------------------------------|------------------------------------------|---------|----------|---------|---|---|-------|------|---------------|---|---|---------|------|--------------|---|-----|------|------|-------------|-----|-----|------|------|------|-----|-----|---------|------|------|-----|-----|---------|------|------------|-----|-----|------|--------|------|-----|-----|-------|---------|----------------------------------------------------------------------------------------------------|-------------------|--|
| <b>Well Name</b><br>BELKNAP, GREG 101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Township</b><br>31                          | <b>Range</b><br>W 19                       | <b>Dir Section</b><br>CDACCB  | <b>Subsection</b> | <b>Well Depth</b><br>300 ft.                | <b>Depth Completed</b><br>300 ft. | <b>Date Well Completed</b><br>01/19/2021 |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Elevation</b><br>1256                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Elev. Method</b><br>LiDAR 1m DEM (MNDNR)    |                                            |                               |                   | <b>Drill Method</b><br>Non-specified Rotary | <b>Drill Fluid</b><br>Bentonite   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Address</b><br><br>C/W 1338 30TH ST CEYLON MN 56121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                |                                            |                               |                   | <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>TOPSOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>DIRT/CLAY MIX</td><td>2</td><td>6</td><td>YEL/BRN</td><td>HARD</td></tr><tr><td>GRAVELY CLAY</td><td>6</td><td>127</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND/GRAVEL</td><td>127</td><td>129</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>129</td><td>163</td><td>DK. GRY</td><td>HARD</td></tr><tr><td>CLAY</td><td>163</td><td>268</td><td>LT. GRY</td><td>HARD</td></tr><tr><td>SANDY CLAY</td><td>268</td><td>270</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>270</td><td>300</td><td>BROWN</td><td>SFT-MED</td></tr></table> |                                                |                                            |                               |                   | Geological Material                         | From                              | To (ft.)                                 | Color   | Hardness | TOPSOIL | 0 | 2 | BLACK | SOFT | DIRT/CLAY MIX | 2 | 6 | YEL/BRN | HARD | GRAVELY CLAY | 6 | 127 | GRAY | SOFT | SAND/GRAVEL | 127 | 129 | GRAY | SOFT | CLAY | 129 | 163 | DK. GRY | HARD | CLAY | 163 | 268 | LT. GRY | HARD | SANDY CLAY | 268 | 270 | GRAY | MEDIUM | SAND | 270 | 300 | BROWN | SFT-MED | <b>Well Hydrofractured?</b><br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | <b>From</b><br>To |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | Geological Material                         | From                              | To (ft.)                                 | Color   | Hardness |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | TOPSOIL                                     | 0                                 | 2                                        | BLACK   | SOFT     |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | DIRT/CLAY MIX                               | 2                                 | 6                                        | YEL/BRN | HARD     |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | GRAVELY CLAY                                | 6                                 | 127                                      | GRAY    | SOFT     |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | SAND/GRAVEL                                 | 127                               | 129                                      | GRAY    | SOFT     |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | CLAY                                        | 129                               | 163                                      | DK. GRY | HARD     |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | CLAY                                        | 163                               | 268                                      | LT. GRY | HARD     |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | SANDY CLAY                                  | 268                               | 270                                      | GRAY    | MEDIUM   |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                            |                               |                   | SAND                                        | 270                               | 300                                      | BROWN   | SFT-MED  |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Casing Type</b><br>Single casing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Joint</b><br>Glued                          |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Drive Shoe?</b><br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Above/Below</b>                             |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Casing Diameter</b><br>5 in. To 285 ft. 250 lbs./ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Weight</b><br>5 in. To 225 ft. 200 lbs./ft. | <b>Hole Diameter</b><br>8.7 in. To 300 ft. |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Open Hole</b><br>From ft. To ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Screen?</b> <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Type</b> stainless                          | <b>Make</b> JOHNSTON                       |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Diameter</b><br>4 in.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Slot/Gauze</b><br>20                        | <b>Length</b><br>15 ft.                    | <b>Set</b><br>285 ft. 300 ft. |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Static Water Level</b><br>106 ft. land surface Measure 01/19/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Pumping Level (below land surface)</b><br>140 ft. 5 hrs. Pumping at 37 g.p.m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Wellhead Completion</b><br>Pitless adapter manufacturer MAAS Model 5JC1<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><br>Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified<br>Material Amount From To<br>bentonite 18 Sacks ft. 279 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Nearest Known Source of Contamination</b><br><u>61</u> feet <u>North</u> Direction <u>Other</u> 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 <u>01/20/2021</u><br>Manufacturer's name GRUNDFOS<br>Model Number <u>10S10-15</u> HP <u>1</u> Volt <u>230</u><br>Length of drop pipe <u>160</u> ft Capacity <u>10</u> g.p. Typ <u>Submersible</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <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 Quat. buried<br>Last Strat sand-brown Depth to Bedrock ft<br>Located by Minnesota Geological Survey<br>Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or<br>System UTM - NAD83, Zone 15, Meters X 370256 Y 4821137<br>Unique Number Verification Tax Records Input Date 05/03/2024                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |
| <b>Well Contractor</b><br>Beemer Well Drilling, Inc. 1494 REYNOLDS, J<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                |                                            |                               |                   |                                             |                                   |                                          |         |          |         |   |   |       |      |               |   |   |         |      |              |   |     |      |      |             |     |     |      |      |      |     |     |         |      |      |     |     |         |      |            |     |     |      |        |      |     |     |       |         |                                                                                                    |                   |  |

Remarks  
BOULDER AT 68'