

719537

County Dakota  
Quad Inver Grove  
Quad ID 103D

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

Entry Date  
Update Date 12/17/2019  
Received Date 04/04/2005

|                                                                   |                                             |                                             |                            |                             |                                                                                                                               |                                                                                                                                    |                                          |
|-------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>Well Name</b><br>MILLER, TIM                                   | <b>Township</b><br>27                       | <b>Range</b><br>22                          | <b>Dir Section</b><br>W 30 | <b>Subsection</b><br>AABDBD | <b>Well Depth</b><br>208 ft.                                                                                                  | <b>Depth Completed</b><br>208 ft.                                                                                                  | <b>Date Well Completed</b><br>11/18/2004 |
| <b>Elevation</b><br>853 ft.                                       | <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>Well 10093 ADAM AV E INVER GROVE HEIGHTS MN |                                             |                                             |                            |                             | <b>Use</b><br>domestic                                                                                                        | <b>Status</b><br>Active                                                                                                            |                                          |
| <b>Stratigraphy Information</b>                                   |                                             |                                             |                            |                             | <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><br>Threaded                                                                                                           |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Drive Shoe?</b><br>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                     | <b>Above/Below</b>                                                                                                                 |                                          |
| <b>Geological Material</b><br>SANDY CLAY<br>SAND                  |                                             |                                             |                            |                             | <b>From</b><br>0<br>10                                                                                                        | <b>To (ft.)</b><br>10<br>208                                                                                                       | <b>Color</b><br>BROWN<br>BROWN           |
|                                                                   |                                             |                                             |                            |                             | <b>Hardness</b><br>MEDIUM<br>MEDIUM                                                                                           |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Casing Diameter</b><br>4 in.                                                                                               | <b>Weight</b><br>203 ft.                                                                                                           | <b>Hole Diameter</b><br>6 in.            |
|                                                                   |                                             |                                             |                            |                             |                                                                                                                               | 11 lbs./ft.                                                                                                                        | 198 ft.                                  |
|                                                                   |                                             |                                             |                            |                             |                                                                                                                               |                                                                                                                                    | 4 in.                                    |
|                                                                   |                                             |                                             |                            |                             |                                                                                                                               |                                                                                                                                    | 208 ft.                                  |
|                                                                   |                                             |                                             |                            |                             | <b>Open Hole</b><br>From                                                                                                      | ft.                                                                                                                                | To                                       |
|                                                                   |                                             |                                             |                            |                             | <b>Screen?</b><br><input checked="" type="checkbox"/>                                                                         | <b>Type</b><br>stainless                                                                                                           | <b>Make</b><br>JOHNSON                   |
|                                                                   |                                             |                                             |                            |                             | <b>Diameter</b><br>3.5 in.                                                                                                    | <b>Slot/Gauze</b><br>10                                                                                                            | <b>Length</b><br>5 ft.                   |
|                                                                   |                                             |                                             |                            |                             |                                                                                                                               | <b>Set</b><br>203 ft.                                                                                                              | <b>ft.</b><br>208 ft.                    |
|                                                                   |                                             |                                             |                            |                             | <b>Static Water Level</b><br>58 ft.                                                                                           | land surface                                                                                                                       | Measure                                  |
|                                                                   |                                             |                                             |                            |                             |                                                                                                                               |                                                                                                                                    | 11/18/2004                               |
|                                                                   |                                             |                                             |                            |                             | <b>Pumping Level (below land surface)</b>                                                                                     |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Wellhead Completion</b>                                                                                                    |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | Pitless adapter manufacturer MONITOR Model                                                                                    |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade                                        |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                      |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Grouting Information</b>                                                                                                   | <b>Well Grouted?</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Material</b><br>high solids bentonite                                                                                      | <b>Amount</b><br>5 Sacks                                                                                                           | <b>From</b><br>ft.                       |
|                                                                   |                                             |                                             |                            |                             |                                                                                                                               |                                                                                                                                    | <b>To</b><br>198 ft.                     |
|                                                                   |                                             |                                             |                            |                             | <b>Nearest Known Source of Contamination</b>                                                                                  |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <u>53</u> feet                                                                                                                | <u>Southeas</u> Direction                                                                                                          | <u>Septic tank/drain field</u> Type      |
|                                                                   |                                             |                                             |                            |                             | Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                         |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Pump</b><br><input type="checkbox"/> Not Installed                                                                         | <b>Date Installed</b><br>11/18/2004                                                                                                |                                          |
|                                                                   |                                             |                                             |                            |                             | Manufacturer's name AERMOTOR                                                                                                  |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Model Number</b>                                                                                                           | <b>HP</b><br>2                                                                                                                     | <b>Volt</b><br>230                       |
|                                                                   |                                             |                                             |                            |                             | <b>Length of drop pipe</b><br>126 ft                                                                                          | <b>Capacity</b><br>25 g.p.                                                                                                         | <b>Typ</b><br>Submersible                |
|                                                                   |                                             |                                             |                            |                             | <b>Abandoned</b>                                                                                                              |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Variance</b>                                                                                                               |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No        |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Miscellaneous</b>                                                                                                          |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>First Bedrock</b>                                                                                                          | <b>Aquifer</b>                                                                                                                     | <b>Quat. buried</b>                      |
|                                                                   |                                             |                                             |                            |                             | <b>Last Strat</b><br>sand-brown                                                                                               | <b>Depth to Bedrock</b>                                                                                                            | <b>ft</b>                                |
|                                                                   |                                             |                                             |                            |                             | <b>Located by</b><br>Minnesota Geological Survey                                                                              |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Locate Method</b><br>Digitization (Screen) - Map (1:24,000) (15 meters or                                                  |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>System</b><br>UTM - NAD83, Zone 15, Meters                                                                                 | <b>X</b><br>492998                                                                                                                 | <b>Y</b><br>4961106                      |
|                                                                   |                                             |                                             |                            |                             | <b>Unique Number Verification</b>                                                                                             | <b>Address verification</b>                                                                                                        | <b>Input Date</b><br>11/03/2019          |
|                                                                   |                                             |                                             |                            |                             | <b>Angled Drill Hole</b>                                                                                                      |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Well Contractor</b>                                                                                                        |                                                                                                                                    |                                          |
|                                                                   |                                             |                                             |                            |                             | <b>Hartmann Well Co.</b>                                                                                                      | <b>40174</b>                                                                                                                       | <b>LARSON, J</b>                         |
|                                                                   |                                             |                                             |                            |                             | <b>Licensee Business</b>                                                                                                      | <b>Lic. or Reg. No.</b>                                                                                                            | <b>Name of Driller</b>                   |