

278821

County Pine  
Quad Finlayson  
Quad ID 188B

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

Entry Date 09/29/2017  
Update Date 05/01/2020  
Received Date

|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             |                                                                                                                                                                                                                                        |                                  |                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------|
| <b>Well Name</b><br>REMMERS,                                                                                                                                                                                                                                                                                                                                             | <b>Township</b><br>43                       | <b>Range</b><br>20                          | <b>Dir Section</b><br>W 28 | <b>Subsection</b><br>CDDDAC | <b>Well Depth</b><br>65 ft.                                                                                                                                                                                                            | <b>Depth Completed</b><br>65 ft. | <b>Date Well Completed</b><br>06/14/2001 |
| <b>Elevation</b><br>1106                                                                                                                                                                                                                                                                                                                                                 | <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>Contact 3101 CALHOUN PK MINNEAPOLIS MN 55408                                                                                                                                                                                                                                                                                                       |                                             |                                             |                            |                             | <b>Use</b><br>domestic                                                                                                                                                                                                                 | <b>Status</b><br>Sealed          |                                          |
| <b>Stratigraphy Information</b><br>Geological Material From To (ft.) Color Hardness<br>SANDY CLAY 0 8 RED SFT-MED<br>CLAY & GRAVEL 8 9 RED MEDIUM<br>SANDSTONE 9 65 TAN/ORN MED-HRD                                                                                                                                                                                      |                                             |                                             |                            |                             | <b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>From</b> <b>To</b>                                                                                                                  |                                  |                                          |
|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             | <b>Casing Type</b> Single casing <b>Joint</b> Threaded                                                                                                                                                                                 |                                  |                                          |
|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             | <b>Drive Shoe?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>Above/Below</b>                                                                                                                              |                                  |                                          |
|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             | <b>Casing Diameter</b> <b>Weight</b> <b>Hole Diameter</b><br>4 in. To 60 ft. 11 lbs./ft. 8.7 in. To 60 ft.                                                                                                                             |                                  |                                          |
|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             | <b>Open Hole</b> From 60 ft. To 65 ft.                                                                                                                                                                                                 |                                  |                                          |
|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             | <b>Screen?</b> <input type="checkbox"/> <b>Type</b> <b>Make</b>                                                                                                                                                                        |                                  |                                          |
|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             | <b>Static Water Level</b><br>14 ft. land surface Measure 06/14/2001                                                                                                                                                                    |                                  |                                          |
|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             | <b>Pumping Level (below land surface)</b>                                                                                                                                                                                              |                                  |                                          |
|                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             | <b>Wellhead Completion</b><br>Pitless adapter manufacturer Model<br><input type="checkbox"/> Casing Protection <input 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>neat cement 12 Sacks ft. 60 ft.                     |                                  |                                          |
| <b>Nearest Known Source of Contamination</b><br>55 feet South 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 Hinckley Sandstone Aquifer Hinckley<br>Last Strat Hinckley Sandstone Depth to Bedrock 9 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 509494 Y 5113292<br>Unique Number Verification Site Plan Input Date 05/01/2020 |                                             |                                             |                            |                             |                                                                                                                                                                                                                                        |                                  |                                          |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                                                                 |                                             |                                             |                            |                             |                                                                                                                                                                                                                                        |                                  |                                          |
| <b>Well Contractor</b><br>Rosga Well Co. 58069 ROSGA, TOM<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                                                                                          |                                             |                                             |                            |                             |                                                                                                                                                                                                                                        |                                  |                                          |

**Remarks**  
SEALED 6-21-2001 DUE TO HIGH E-COLI BACTERIA