

| <div>535903</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | County Hennepin | MINNESOTA DEPARTMENT OF HEALTH  |  |                                                                                                                                                                    | Entry Date 12/22/1993  |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|---------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------|--------|----------|-------------|---|----|-----|--------|------------|----|-----|------|--------|-------------------|-----|-----|--------|------|------------|-----|-----|-----|--------|-----------------|-----|-----|--------|------|------------|-----|-----|-----|--------|-------|-----|-----|-------|--------|-----------|-----|-----|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Quad Excelsior  | WELL AND BORING REPORT          |  |                                                                                                                                                                    | Update Date 08/28/2015 |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Quad ID 105A    | Minnesota Statutes Chapter 1031 |  |                                                                                                                                                                    | Received Date          |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Well Name Township Range Dir Section Subsection</div> <div>ELLEBY, DUFFY 117 22 W 18 ABACBC</div> <div>Elevation 964 ft. Elev. Method LiDAR 1m DEM (MNDNR)</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                 |                                 |  | <div>Well Depth Depth Completed Date Well Completed</div> <div>185 ft. 185 ft. 10/26/1993</div> <div>Drill Method Non-specified Rotary Drill Fluid Bentonite</div> |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Address</div> <div>C/W 18065 BREEZY POINT RD WAYZATA MN</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                 |                                 |  | <div>Use domestic Status Active</div>                                                                                                                              |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Stratigraphy Information</div> <table><thead><tr><th>Geological Material</th><th>From</th><th>To (ft.)</th><th>Color</th><th>Hardness</th></tr></thead><tbody><tr><td>SAND GRAVEL</td><td>0</td><td>50</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>CLAY SILTS</td><td>50</td><td>115</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND/GRAVEL/DIRTY</td><td>115</td><td>130</td><td>VARIED</td><td>HARD</td></tr><tr><td>CLAY SILTY</td><td>130</td><td>150</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>GRANITE BOULDER</td><td>150</td><td>153</td><td>VARIED</td><td>HARD</td></tr><tr><td>CLAY SILTS</td><td>153</td><td>170</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>170</td><td>172</td><td>WHITE</td><td>MEDIUM</td></tr><tr><td>SANDSTONE</td><td>172</td><td>185</td><td>WHITE</td><td>SOFT</td></tr></tbody></table> |  |                 |                                 |  | Geological Material                                                                                                                                                | From                   | To (ft.) | Color  | Hardness | SAND GRAVEL | 0 | 50 | TAN | MEDIUM | CLAY SILTS | 50 | 115 | GRAY | MEDIUM | SAND/GRAVEL/DIRTY | 115 | 130 | VARIED | HARD | CLAY SILTY | 130 | 150 | TAN | MEDIUM | GRANITE BOULDER | 150 | 153 | VARIED | HARD | CLAY SILTS | 153 | 170 | TAN | MEDIUM | SHALE | 170 | 172 | WHITE | MEDIUM | SANDSTONE | 172 | 185 | WHITE | SOFT | <div>Well Hydrofractured? Yes No From To</div> <div>Casing Type Single casing Joint</div> <div>Drive Shoe? Yes No Above/Below</div> <div>Casing Diameter Weight Hole Diameter</div> <div>4 in. To 175 ft. lbs./ft. 8 in. To 185 ft.</div> |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | Geological Material                                                                                                                                                | From                   | To (ft.) | Color  | Hardness |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | SAND GRAVEL                                                                                                                                                        | 0                      | 50       | TAN    | MEDIUM   |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | CLAY SILTS                                                                                                                                                         | 50                     | 115      | GRAY   | MEDIUM   |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | SAND/GRAVEL/DIRTY                                                                                                                                                  | 115                    | 130      | VARIED | HARD     |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | CLAY SILTY                                                                                                                                                         | 130                    | 150      | TAN    | MEDIUM   |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | GRANITE BOULDER                                                                                                                                                    | 150                    | 153      | VARIED | HARD     |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | CLAY SILTS                                                                                                                                                         | 153                    | 170      | TAN    | MEDIUM   |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | SHALE                                                                                                                                                              | 170                    | 172      | WHITE  | MEDIUM   |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | SANDSTONE                                                                                                                                                          | 172                    | 185      | WHITE  | SOFT     |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Open Hole From ft. To ft.</div> <div>Screen? Slot/Gauze Type Length Set Make</div> <div>in. 25 ft. 175 ft. 185 ft.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Static Water Level</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Pumping Level (below land surface)</div> <div>ft. 3 hrs. Pumping at 40 g.p.m.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Wellhead Completion</div> <div>Pitless adapter manufacturer Model</div> <div>Casing Protection 12 in. above grade</div> <div>At-grade (Environmental Wells and Borings ONLY)</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Grouting Information Well Grouted? Yes No Not Specified</div> <div>Material Amount From To</div> <div>well grouted, type unknown ft. ft.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Nearest Known Source of Contamination</div> <div>80 feet Southwes Direction Septic tank/drain field Type</div> <div>Well disinfected upon completion? Yes No</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Pump Not Installed Date Installed 10/26/1993</div> <div>Manufacturer's name GOULDS</div> <div>Model Number 18 GPM HP 1 Volt 220</div> <div>Length of drop pipe 105 ft Capacity 18 g.p. Typ Submersible</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Abandoned</div> <div>Does property have any not in use and not sealed well(s)? Yes No</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Variance</div> <div>Was a variance granted from the MDH for this well? Yes No</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Miscellaneous</div> <div>First Bedrock St.Peter Sandstone Aquifer St.Peter</div> <div>Last Strat St.Peter Sandstone Depth to Bedrock 170 ft</div> <div>Located by Minnesota Geological Survey</div> <div>Locate Method GPS SA Off (averaged) (15 meters)</div> <div>System UTM - NAD83, Zone 15, Meters X 459793 Y 4977311</div> <div>Unique Number Verification Address verification Input Date 05/05/2014</div>                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Angled Drill Hole</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| <div>Well Contractor</div> <div>Bergerson-Caswell 27058 SCHMIDT, L.</div> <div>Licensee Business Lic. or Reg. No. Name of Driller</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                 |                                 |  |                                                                                                                                                                    |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
| Minnesota Well Index Report                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                 | 535903                          |  | Printed on 10/02/2026                                                                                                                                              |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                 |                                 |  | HE-01205-15                                                                                                                                                        |                        |          |        |          |             |   |    |     |        |            |    |     |      |        |                   |     |     |        |      |            |     |     |     |        |                 |     |     |        |      |            |     |     |     |        |       |     |     |       |        |           |     |     |       |      |                                                                                                                                                                                                                                           |  |  |  |  |