

730220

County Scott  
Quad  
Quad ID

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

Entry Date 10/23/2009  
Update Date 03/10/2014  
Received Date 12/10/2007

|                                                                          |  |  |  |  |                        |                    |                 |                     |                          |                                                                                                                                        |  |                                                                                                            |  |                                          |  |                 |  |          |  |
|--------------------------------------------------------------------------|--|--|--|--|------------------------|--------------------|-----------------|---------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|------------------------------------------|--|-----------------|--|----------|--|
| <b>Well Name</b><br>WENTWORTH,                                           |  |  |  |  | <b>Township</b><br>113 | <b>Range</b><br>25 | <b>Dir</b><br>W | <b>Section</b><br>9 | <b>Subsection</b><br>DCA | <b>Well Depth</b><br>387 ft.                                                                                                           |  | <b>Depth Completed</b><br>387 ft.                                                                          |  | <b>Date Well Completed</b><br>11/28/2007 |  |                 |  |          |  |
| <b>Elevation</b>                                                         |  |  |  |  | <b>Elev. Method</b>    |                    |                 |                     |                          | <b>Drill Method</b><br>Non-specified Rotary                                                                                            |  | <b>Drill Fluid</b><br>Bentonite                                                                            |  |                                          |  |                 |  |          |  |
| <b>Address</b>                                                           |  |  |  |  |                        |                    |                 |                     |                          | <b>Use</b><br>domestic                                                                                                                 |  | <b>Status</b><br>Active                                                                                    |  |                                          |  |                 |  |          |  |
| Well 15191 BLAKLEY TR BELLE PLAINE MN                                    |  |  |  |  |                        |                    |                 |                     |                          | <b>Well Hydrofractured?</b><br><b>Yes</b> <input type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/> <b>From</b> <b>To</b> |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| <b>Stratigraphy Information</b>                                          |  |  |  |  |                        |                    |                 |                     |                          | <b>Casing Type</b><br>Single casing                                                                                                    |  | <b>Joint</b><br>Threaded                                                                                   |  |                                          |  |                 |  |          |  |
|                                                                          |  |  |  |  |                        |                    |                 |                     |                          | <b>Drive Shoe?</b><br><b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/>                                |  | <b>Above/Below</b>                                                                                         |  |                                          |  |                 |  |          |  |
| <b>Geological Material</b>                                               |  |  |  |  |                        |                    |                 |                     |                          | <b>From</b>                                                                                                                            |  | <b>To (ft.)</b>                                                                                            |  | <b>Color</b>                             |  | <b>Hardness</b> |  |          |  |
| DIRT                                                                     |  |  |  |  |                        |                    |                 |                     |                          | 0                                                                                                                                      |  | 1                                                                                                          |  | BLACK                                    |  | MEDIUM          |  |          |  |
| CLAY                                                                     |  |  |  |  |                        |                    |                 |                     |                          | 1                                                                                                                                      |  | 19                                                                                                         |  | TAN                                      |  | MEDIUM          |  |          |  |
| CLAY                                                                     |  |  |  |  |                        |                    |                 |                     |                          | 19                                                                                                                                     |  | 138                                                                                                        |  | GRAY                                     |  | MEDIUM          |  |          |  |
| SAND                                                                     |  |  |  |  |                        |                    |                 |                     |                          | 138                                                                                                                                    |  | 210                                                                                                        |  | GRAY                                     |  | MEDIUM          |  |          |  |
| CLAY & SAND                                                              |  |  |  |  |                        |                    |                 |                     |                          | 210                                                                                                                                    |  | 238                                                                                                        |  | GRAY                                     |  | MEDIUM          |  |          |  |
| SAND FINE MUDDY                                                          |  |  |  |  |                        |                    |                 |                     |                          | 238                                                                                                                                    |  | 376                                                                                                        |  | GRAY                                     |  | M.HARD          |  |          |  |
| COARSER SAND                                                             |  |  |  |  |                        |                    |                 |                     |                          | 376                                                                                                                                    |  | 387                                                                                                        |  | GRAY                                     |  | M.HARD          |  |          |  |
| <b>Casing Diameter</b>                                                   |  |  |  |  |                        |                    |                 |                     |                          | <b>Weight</b>                                                                                                                          |  | <b>Hole Diameter</b>                                                                                       |  |                                          |  |                 |  |          |  |
| 4 in. To                                                                 |  |  |  |  |                        |                    |                 |                     |                          | 377 ft.                                                                                                                                |  | lbs./ft.                                                                                                   |  | 6.7 in. To 377 ft.                       |  |                 |  |          |  |
| <b>Open Hole</b>                                                         |  |  |  |  |                        |                    |                 |                     |                          | <b>From</b>                                                                                                                            |  | <b>ft.</b>                                                                                                 |  | <b>To</b>                                |  | <b>ft.</b>      |  |          |  |
| <b>Screen?</b> <input checked="" type="checkbox"/>                       |  |  |  |  |                        |                    |                 |                     |                          | <b>Type</b><br>stainless                                                                                                               |  | <b>Make</b><br>JOHNSON                                                                                     |  |                                          |  |                 |  |          |  |
| <b>Diameter</b>                                                          |  |  |  |  |                        |                    |                 |                     |                          | <b>Slot/Gauze</b>                                                                                                                      |  | <b>Length</b>                                                                                              |  | <b>Set</b>                               |  |                 |  |          |  |
| 4 in.                                                                    |  |  |  |  |                        |                    |                 |                     |                          | 10                                                                                                                                     |  | 10 ft.                                                                                                     |  | 377 ft.                                  |  | 387 ft.         |  |          |  |
| <b>Static Water Level</b>                                                |  |  |  |  |                        |                    |                 |                     |                          | 258 ft.                                                                                                                                |  | land surface                                                                                               |  | Measure                                  |  | 11/28/2007      |  |          |  |
| <b>Pumping Level (below land surface)</b>                                |  |  |  |  |                        |                    |                 |                     |                          | 275 ft.                                                                                                                                |  | 1 hrs.                                                                                                     |  | Pumping at                               |  | 20 g.p.m.       |  |          |  |
| <b>Wellhead Completion</b>                                               |  |  |  |  |                        |                    |                 |                     |                          | Pitless adapter manufacturer                                                                                                           |  | BAKER                                                                                                      |  | Model                                    |  | MONITOR         |  |          |  |
| <input type="checkbox"/> Casing Protection                               |  |  |  |  |                        |                    |                 |                     |                          | <input checked="" type="checkbox"/> 12 in. above grade                                                                                 |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| <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 |  |                                          |  |                 |  |          |  |
| <b>Material</b>                                                          |  |  |  |  |                        |                    |                 |                     |                          | <b>Amount</b>                                                                                                                          |  | <b>From</b>                                                                                                |  | <b>To</b>                                |  |                 |  |          |  |
| high solids bentonite                                                    |  |  |  |  |                        |                    |                 |                     |                          | Sacks                                                                                                                                  |  | ft. 70                                                                                                     |  | ft.                                      |  |                 |  |          |  |
| <b>Nearest Known Source of Contamination</b>                             |  |  |  |  |                        |                    |                 |                     |                          | 62 feet                                                                                                                                |  | Southeas Direction                                                                                         |  | <b>Sewer Type</b>                        |  |                 |  |          |  |
| Well disinfected upon completion?                                        |  |  |  |  |                        |                    |                 |                     |                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                    |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| <b>Pump</b> <input checked="" type="checkbox"/> Not Installed            |  |  |  |  |                        |                    |                 |                     |                          | Date Installed                                                                                                                         |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| Manufacturer's name                                                      |  |  |  |  |                        |                    |                 |                     |                          |                                                                                                                                        |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| Model Number                                                             |  |  |  |  |                        |                    |                 |                     |                          | HP                                                                                                                                     |  | 1.5                                                                                                        |  | Volt                                     |  | 230             |  |          |  |
| Length of drop pipe                                                      |  |  |  |  |                        |                    |                 |                     |                          | ft                                                                                                                                     |  | Capacity                                                                                                   |  | 12 g.p.                                  |  | Typ 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>                                                     |  |  |  |  |                        |                    |                 |                     |                          | First Bedrock                                                                                                                          |  |                                                                                                            |  |                                          |  | Aquifer         |  |          |  |
| Last Strat                                                               |  |  |  |  |                        |                    |                 |                     |                          | Depth to Bedrock                                                                                                                       |  |                                                                                                            |  |                                          |  | ft              |  |          |  |
| Located by                                                               |  |  |  |  |                        |                    |                 |                     |                          |                                                                                                                                        |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| Locate Method                                                            |  |  |  |  |                        |                    |                 |                     |                          |                                                                                                                                        |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| System                                                                   |  |  |  |  |                        |                    |                 |                     |                          | UTM - NAD83, Zone 15, Meters                                                                                                           |  | X                                                                                                          |  | Y                                        |  |                 |  |          |  |
| Unique Number Verification                                               |  |  |  |  |                        |                    |                 |                     |                          | Input Date                                                                                                                             |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| <b>Angled Drill Hole</b>                                                 |  |  |  |  |                        |                    |                 |                     |                          |                                                                                                                                        |  |                                                                                                            |  |                                          |  |                 |  |          |  |
| <b>Well Contractor</b>                                                   |  |  |  |  |                        |                    |                 |                     |                          | Geib Well Co., Inc.                                                                                                                    |  |                                                                                                            |  |                                          |  | 1714            |  | GEIB, S. |  |
| Licensee Business                                                        |  |  |  |  |                        |                    |                 |                     |                          | Lic. or Reg. No.                                                                                                                       |  |                                                                                                            |  |                                          |  | Name of Driller |  |          |  |