

804788

County Carver

Quad

Quad ID

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

Entry Date08/18/2017

Update Date08/18/2017

Received Date11/14/2016

|                                                  |                 |             |          |               |                   |                                                                                                                                               |                            |                                   |
|--------------------------------------------------|-----------------|-------------|----------|---------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| Well Name<br>CHRISTENSEN,                        | Township<br>117 | Range<br>26 | Dir<br>W | Section<br>14 | Subsection<br>DBB | Well Depth<br>328 ft.                                                                                                                         | Depth Completed<br>326 ft. | Date Well Completed<br>10/31/2014 |
| Elevation                                        | Elev. Method    |             |          |               |                   | Drill Method<br>Non-specified Rotary                                                                                                          | Drill Fluid<br>Bentonite   |                                   |
| Address                                          |                 |             |          |               |                   | Use<br>domestic                                                                                                                               | Status<br>Active           |                                   |
| C/W 15565 122 CR WATERTOWN MN 55388              |                 |             |          |               |                   | Well Hydrofractured? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> From To                                              |                            |                                   |
| Stratigraphy Information                         |                 |             |          |               |                   | Casing Type Single casing Joint                                                                                                               |                            |                                   |
|                                                  |                 |             |          |               |                   | Drive Shoe? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Above/Below                                                   |                            |                                   |
| Geological Material From To (ft.) Color Hardness |                 |             |          |               |                   | Casing Diameter Weight Hole Diameter                                                                                                          |                            |                                   |
| TOPSOIL 0 4 BLACK MEDIUM                         |                 |             |          |               |                   | 4 in. To 306 ft. lbs./ft. 8 in. To 50 ft.                                                                                                     |                            |                                   |
| CLAY 4 30 BROWN MEDIUM                           |                 |             |          |               |                   | 4 in. To 326 ft.                                                                                                                              |                            |                                   |
| CLAY 30 70 GRAY MEDIUM                           |                 |             |          |               |                   |                                                                                                                                               |                            |                                   |
| CLAY AND ROCK 70 90 GRAY MEDIUM                  |                 |             |          |               |                   |                                                                                                                                               |                            |                                   |
| CLAY 90 306 GRAY MEDIUM                          |                 |             |          |               |                   |                                                                                                                                               |                            |                                   |
| SAND 306 326 BROWN MEDIUM                        |                 |             |          |               |                   |                                                                                                                                               |                            |                                   |
| SHALE AND 326 328 GRN/WHT MEDIUM                 |                 |             |          |               |                   |                                                                                                                                               |                            |                                   |
|                                                  |                 |             |          |               |                   | Open Hole From ft. To ft.                                                                                                                     |                            |                                   |
|                                                  |                 |             |          |               |                   | Screen? <input checked="" type="checkbox"/> Type slotted pipe Make PVC                                                                        |                            |                                   |
|                                                  |                 |             |          |               |                   | Diameter Slot/Gauze Length Set                                                                                                                |                            |                                   |
|                                                  |                 |             |          |               |                   | 4 in. 10 20 ft. 306 ft. 326 ft.                                                                                                               |                            |                                   |
|                                                  |                 |             |          |               |                   | Static Water Level                                                                                                                            |                            |                                   |
|                                                  |                 |             |          |               |                   | 43 ft. land surface Measure 10/31/2014                                                                                                        |                            |                                   |
|                                                  |                 |             |          |               |                   | Pumping Level (below land surface)                                                                                                            |                            |                                   |
|                                                  |                 |             |          |               |                   | Wellhead Completion                                                                                                                           |                            |                                   |
|                                                  |                 |             |          |               |                   | Pitless adapter manufacturer WHITEWATER Model                                                                                                 |                            |                                   |
|                                                  |                 |             |          |               |                   | <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade                                                        |                            |                                   |
|                                                  |                 |             |          |               |                   | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                                      |                            |                                   |
|                                                  |                 |             |          |               |                   | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified |                            |                                   |
|                                                  |                 |             |          |               |                   | Material Amount From To                                                                                                                       |                            |                                   |
|                                                  |                 |             |          |               |                   | bentonite 8 Sacks ft. 50 ft.                                                                                                                  |                            |                                   |
|                                                  |                 |             |          |               |                   | Nearest Known Source of Contamination                                                                                                         |                            |                                   |
|                                                  |                 |             |          |               |                   | 50 feet Northeas Direction Sewer Type                                                                                                         |                            |                                   |
|                                                  |                 |             |          |               |                   | Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         |                            |                                   |
|                                                  |                 |             |          |               |                   | Pump <input type="checkbox"/> Not Installed Date Installed 10/31/2014                                                                         |                            |                                   |
|                                                  |                 |             |          |               |                   | Manufacturer's name GRUNDFOS                                                                                                                  |                            |                                   |
|                                                  |                 |             |          |               |                   | Model Number HP 1.5 Volt 220                                                                                                                  |                            |                                   |
|                                                  |                 |             |          |               |                   | Length of drop pipe 100 ft Capacity 22 g.p. Typ Submersible                                                                                   |                            |                                   |
|                                                  |                 |             |          |               |                   | Abandoned                                                                                                                                     |                            |                                   |
|                                                  |                 |             |          |               |                   | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                 |                            |                                   |
|                                                  |                 |             |          |               |                   | Variance                                                                                                                                      |                            |                                   |
|                                                  |                 |             |          |               |                   | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                        |                            |                                   |
|                                                  |                 |             |          |               |                   | Miscellaneous                                                                                                                                 |                            |                                   |
|                                                  |                 |             |          |               |                   | 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                                                                                                         |                            |                                   |
|                                                  |                 |             |          |               |                   | Angled Drill Hole                                                                                                                             |                            |                                   |
|                                                  |                 |             |          |               |                   | Well Contractor                                                                                                                               |                            |                                   |
|                                                  |                 |             |          |               |                   | Bergerson Caswell, Inc. 1767 KLUVER, D                                                                                                        |                            |                                   |
|                                                  |                 |             |          |               |                   | Licensee Business Lic. or Reg. No. Name of Driller                                                                                            |                            |                                   |