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County Hennepin  
Quad  
Quad ID

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

Entry Date 11/08/2018  
Update Date 11/08/2018  
Received Date 06/27/2018

|                                                                                                                                                                                                                                               |                        |                             |                 |                                                                 |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------|-----------------|-----------------------------------------------------------------|--------------------------|
| <b>Well Name</b><br>J. THOMAS                                                                                                                                                                                                                 | <b>Township</b><br>119 | <b>Range</b><br>24          | <b>Dir</b><br>W | <b>Section</b><br>2                                             | <b>Subsection</b><br>CBB |
| <b>Elevation</b>                                                                                                                                                                                                                              | <b>Elev. Method</b>    |                             |                 |                                                                 |                          |
| <b>Address</b>                                                                                                                                                                                                                                |                        |                             |                 |                                                                 |                          |
| Contact 6837 EVERST LA N MAPLE GROVE MN 55311                                                                                                                                                                                                 |                        |                             |                 |                                                                 |                          |
| Well 10340 GREENFIELD RD LORETTO MN 55357                                                                                                                                                                                                     |                        |                             |                 |                                                                 |                          |
| <b>Stratigraphy Information</b>                                                                                                                                                                                                               |                        |                             |                 |                                                                 |                          |
| Geological Material                                                                                                                                                                                                                           |                        | From                        | To (ft.)        | Color                                                           | Hardness                 |
| SAND & CLAY                                                                                                                                                                                                                                   |                        | 0                           | 15              | TAN                                                             |                          |
| CLAY                                                                                                                                                                                                                                          |                        | 15                          | 25              | RED                                                             |                          |
| CLAY                                                                                                                                                                                                                                          |                        | 25                          | 90              | BLUE                                                            |                          |
| SAND & CLAY                                                                                                                                                                                                                                   |                        | 90                          | 134             | BLU/BRN                                                         |                          |
| SAND                                                                                                                                                                                                                                          |                        | 134                         | 146             | WHT/BRN                                                         |                          |
| <b>Well Depth</b><br>146 ft.                                                                                                                                                                                                                  |                        |                             |                 |                                                                 |                          |
| <b>Depth Completed</b><br>146 ft.                                                                                                                                                                                                             |                        |                             |                 |                                                                 |                          |
| <b>Date Well Completed</b><br>01/08/2018                                                                                                                                                                                                      |                        |                             |                 |                                                                 |                          |
| <b>Drill Method</b><br>Non-specified Rotary                                                                                                                                                                                                   |                        | <b>Drill Fluid</b><br>Water |                 |                                                                 |                          |
| <b>Use</b><br>domestic                                                                                                                                                                                                                        |                        |                             |                 |                                                                 | <b>Status</b><br>Active  |
| <b>Well Hydrofractured?</b><br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>From</b><br><b>To</b>                                                                                                                   |                        |                             |                 |                                                                 |                          |
| <b>Casing Type</b><br>Single casing                                                                                                                                                                                                           |                        |                             |                 |                                                                 |                          |
| <b>Joint</b><br>Glued                                                                                                                                                                                                                         |                        |                             |                 |                                                                 |                          |
| <b>Drive Shoe?</b><br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>Above/Below</b>                                                                                                                                  |                        |                             |                 |                                                                 |                          |
| <b>Casing Diameter</b><br>4 in.                                                                                                                                                                                                               |                        | <b>Weight</b><br>139 ft.    |                 | <b>Hole Diameter</b><br>8.2 in. To 60 ft.<br>6.5 in. To 146 ft. |                          |
| <b>Open Hole</b><br>From ft. To ft.                                                                                                                                                                                                           |                        |                             |                 |                                                                 |                          |
| <b>Screen?</b> <input checked="" type="checkbox"/> <b>Type</b> plastic <b>Make</b> JAYCO                                                                                                                                                      |                        |                             |                 |                                                                 |                          |
| <b>Diameter</b><br>3 in.                                                                                                                                                                                                                      |                        | <b>Slot/Gauze</b><br>12     |                 | <b>Length</b><br>7 ft.                                          |                          |
|                                                                                                                                                                                                                                               |                        |                             |                 | <b>Set</b><br>139 ft. 146 ft.                                   |                          |
| <b>Static Water Level</b><br>35 ft. land surface Measure 01/08/2018                                                                                                                                                                           |                        |                             |                 |                                                                 |                          |
| <b>Pumping Level (below land surface)</b><br>ft. hrs. Pumping at 50 g.p.m.                                                                                                                                                                    |                        |                             |                 |                                                                 |                          |
| <b>Wellhead Completion</b><br>Pitless adapter manufacturer MASS Model 4<br><input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade<br><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) |                        |                             |                 |                                                                 |                          |
| <b>Grouting Information</b><br>Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified                                                                                       |                        |                             |                 |                                                                 |                          |
| <b>Material</b><br>bentonite                                                                                                                                                                                                                  |                        | <b>Amount</b><br>7 Sacks    |                 | <b>From To</b><br>8 ft. 110 ft.                                 |                          |
| <b>Nearest Known Source of Contamination</b><br>feet Direction Type                                                                                                                                                                           |                        |                             |                 |                                                                 |                          |
| Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                         |                        |                             |                 |                                                                 |                          |
| <b>Pump</b> <input type="checkbox"/> Not Installed Date Installed 01/16/2018                                                                                                                                                                  |                        |                             |                 |                                                                 |                          |
| Manufacturer's name SCHAEFER                                                                                                                                                                                                                  |                        |                             |                 |                                                                 |                          |
| <b>Model Number</b>                                                                                                                                                                                                                           |                        | <b>HP</b> 1.5               |                 | <b>Volt</b> 230                                                 |                          |
| <b>Length of drop pipe</b> 80 ft                                                                                                                                                                                                              |                        | <b>Capacity</b> 20 g.p.     |                 | <b>Typ</b> Submersible                                          |                          |
| <b>Abandoned</b><br>Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                             |                        |                             |                 |                                                                 |                          |
| <b>Variance</b><br>Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                     |                        |                             |                 |                                                                 |                          |
| <b>Miscellaneous</b><br>First Bedrock Aquifer<br>Last Strat Depth to Bedrock ft<br>Located by<br>Locate Method<br>System UTM - NAD83, Zone 15, Meters X Y<br>Unique Number Verification Input Date                                            |                        |                             |                 |                                                                 |                          |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                      |                        |                             |                 |                                                                 |                          |
| <b>Well Contractor</b><br>Stevens Drilling and 2255 JOHNSON, R.<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                         |                        |                             |                 |                                                                 |                          |
| <b>Remarks</b>                                                                                                                                                                                                                                |                        |                             |                 |                                                                 |                          |