

758537

County Isanti  
Quad Cambridge  
Quad ID 152C

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

Entry Date  
Update Date 02/01/2016  
Received Date 10/25/2007

|                                                                                                                                                         |                                             |                    |                            |                             |                                                                                                                                                                                                                                                                                                                                                                    |                                             |                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------|----------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------|
| <b>Well Name</b><br>LEEB, PETE                                                                                                                          | <b>Township</b><br>35                       | <b>Range</b><br>23 | <b>Dir Section</b><br>W 12 | <b>Subsection</b><br>DCBCCD | <b>Well Depth</b><br>126 ft.                                                                                                                                                                                                                                                                                                                                       | <b>Depth Completed</b><br>126 ft.           | <b>Date Well Completed</b><br>10/23/2007 |
| <b>Elevation</b><br>953 ft.                                                                                                                             | <b>Elev. Method</b><br>LiDAR 1m DEM (MNDNR) |                    |                            |                             |                                                                                                                                                                                                                                                                                                                                                                    | <b>Drill Method</b><br>Non-specified Rotary | <b>Drill Fluid</b><br>Bentonite          |
| <b>Address</b><br><br>C/W 4652 311TH AV NE CAMBRIDGE MN 55008                                                                                           |                                             |                    |                            |                             | <b>Use</b><br>domestic                                                                                                                                                                                                                                                                                                                                             | <b>Status</b><br>Active                     |                                          |
| <b>Stratigraphy Information</b><br>Geological Material From To (ft.) Color Hardness<br>SAND 0 25<br>CLAY 25 74<br>ROCK 74 84 MEDIUM<br>ROCK 84 126 HARD |                                             |                    |                            |                             | <b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>From</b> <b>To</b>                                                                                                                                                                                                                                              |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Casing Type</b> Single casing <b>Joint</b> Threaded                                                                                                                                                                                                                                                                                                             |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Drive Shoe?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>Above/Below</b>                                                                                                                                                                                                                                                          |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Casing Diameter</b> <b>Weight</b> <b>Hole Diameter</b><br>4 in. To 84 ft. lbs./ft. 8 in. To 20 ft.<br>6.2 in. To 74 ft.<br>4 in. To 126 ft.                                                                                                                                                                                                                     |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Open Hole</b> From 84 ft. To 126 ft.                                                                                                                                                                                                                                                                                                                            |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Screen?</b> <input type="checkbox"/> <b>Type</b> <b>Make</b>                                                                                                                                                                                                                                                                                                    |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Static Water Level</b><br>10 ft. land surface Measure 10/23/2007                                                                                                                                                                                                                                                                                                |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Pumping Level (below land surface)</b><br>90 ft. 1 hrs. Pumping at 20 g.p.m.                                                                                                                                                                                                                                                                                    |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Wellhead Completion</b><br>Pitless adapter manufacturer Model<br><input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade<br><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                                                                                             |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Grouting Information</b> Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified<br>Material Amount From To<br>high solids bentonite 3 Sacks ft. 30 ft.                                                                                                                                        |                                             |                                          |
| <b>Remarks</b><br>DROVE PIPE FROM 74'-84'<br>PUMP & PITLESS INSTALLED BY ACE PUMP                                                                       |                                             |                    |                            |                             | <b>Nearest Known Source of Contamination</b><br>51 feet North Direction Septic tank/drain field Type<br>Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                      |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Pump</b> <input checked="" type="checkbox"/> Not Installed Date Installed<br>Manufacturer's name<br>Model Number HP Volt<br>Length of drop pipe ft Capacity g.p. Typ                                                                                                                                                                                            |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Abandoned</b><br>Does property have any not in use and not sealed well(s)? <input checked="" type="checkbox"/> Yes <input 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 Tunnel City Group Aquifer Tunnel City<br>Last Strat Tunnel City Group Depth to Bedrock 74 ft<br>Located by Minnesota Geological Survey<br>Locate Method GPS SA Off (averaged) (15 meters)<br>System UTM - NAD83, Zone 15, Meters X 488148 Y 5041965<br>Unique Number Verification Address verification Input Date 11/14/2014 |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                                                           |                                             |                                          |
|                                                                                                                                                         |                                             |                    |                            |                             | <b>Well Contractor</b><br>Lauren Mccullough Well 1427 RHOADES, H<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                                                                             |                                             |                                          |