

751027

County Olmsted  
Quad Byron  
Quad ID 50C

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

Entry Date 10/22/2007  
Update Date 01/05/2017  
Received Date 10/05/2007

|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             |                                                                                                                       |                                             |                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------|----------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------|
| <b>Well Name</b><br>ISD 531 -                                                                                                                                                                                                                                                                                                                                                     | <b>Township</b><br>107                      | <b>Range</b><br>15 | <b>Dir Section</b><br>W 20 | <b>Subsection</b><br>CDCBAB | <b>Well Depth</b><br>387 ft.                                                                                          | <b>Depth Completed</b><br>387 ft.           | <b>Date Well Completed</b><br>08/15/2007 |
| <b>Elevation</b><br>1157                                                                                                                                                                                                                                                                                                                                                          | <b>Elev. Method</b><br>LiDAR 1m DEM (MNDNR) |                    |                            |                             |                                                                                                                       | <b>Drill Method</b><br>Non-specified Rotary | <b>Drill Fluid</b><br>Foam               |
| <b>Address</b><br><br>C/W 1887 2ND AV NW BYRON MN 55920                                                                                                                                                                                                                                                                                                                           |                                             |                    |                            |                             | <b>Use</b><br>irrigation                                                                                              | <b>Status</b><br>Active                     |                                          |
| <b>Stratigraphy Information</b><br>Geological Material From To (ft.) Color Hardness<br>SAND & GRAVEL 0 64 BLUE MEDIUM<br>LIMESTONE 64 84 GRAY MEDIUM<br>SAND 84 89 BLUE MEDIUM<br>SANDSTONE 89 139 BROWN MEDIUM<br>SANDSTONE 139 189 GRAY MEDIUM<br>LIMESTONE 189 387 BROWN MEDIUM                                                                                                |                                             |                    |                            |                             | <b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>From</b> <b>To</b> |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | <b>Casing Type</b> Step down <b>Joint</b> Welded                                                                      |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | <b>Drive Shoe?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>Above/Below</b>             |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | <b>Casing Diameter</b> <b>Weight</b> <b>Hole Diameter</b>                                                             |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | 8 in. To 200 ft. lbs./ft. 20 in. To 65 ft.                                                                            |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | 14 in. To 65 ft. lbs./ft. 13 in. To 200 ft.                                                                           |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | 8 in. To 387 ft.                                                                                                      |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | <b>Open Hole</b> From 200 ft. To 387 ft.                                                                              |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | <b>Screen?</b> <input type="checkbox"/> <b>Type</b> <b>Make</b>                                                       |                                             |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                    |                            |                             | <b>Static Water Level</b><br>130 ft. land surface Measure 06/14/2007                                                  |                                             |                                          |
| <b>Pumping Level (below land surface)</b><br>200 ft. 2 hrs. Pumping at 250 g.p.m.                                                                                                                                                                                                                                                                                                 |                                             |                    |                            |                             |                                                                                                                       |                                             |                                          |
| <b>Wellhead Completion</b><br>Pitless adapter manufacturer Model<br><input checked="" 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>pearock 2 Cubic yards 65 ft. 89 ft.<br>neat cement 2 Cubic yards ft. 65 ft.<br>neat cement 6 Cubic yards ft. 200 ft.                                                                           |                                             |                    |                            |                             |                                                                                                                       |                                             |                                          |
| <b>Nearest Known Source of Contamination</b><br>50 feet Direction Type<br>Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                   |                                             |                    |                            |                             |                                                                                                                       |                                             |                                          |
| <b>Pump</b> <input type="checkbox"/> Not Installed Date Installed 06/29/2007<br>Manufacturer's name GRUNDFOS<br>Model Number 230S400-13 HP 40 Volt 460<br>Length of drop pipe 294 ft Capacity 250 g.p. Typ 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 Platteville Formation Aquifer Prairie Du Chien<br>Last Strat Prairie Du Chien Group Depth to Bedrock 64 ft<br>Located by Minnesota Department of Health<br>Locate Method GPS SA Off (averaged) (15 meters)<br>System UTM - NAD83, Zone 15, Meters X 527834 Y 4877755<br>Unique Number Verification Info/GPS from data Input Date 07/16/2013 |                                             |                    |                            |                             |                                                                                                                       |                                             |                                          |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                                                                          |                                             |                    |                            |                             |                                                                                                                       |                                             |                                          |
| <b>Well Contractor</b><br>Thein Well Co., Inc. 1337 VANHOUTEN, D.<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                                                                                           |                                             |                    |                            |                             |                                                                                                                       |                                             |                                          |