

184594

County Itasca  
Quad Dora Lake  
Quad ID 326A

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

Entry Date 04/08/1988  
Update Date 02/14/2014  
Received Date

|                                               |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                          |  |                                                           |  |                                               |  |                                        |  |                                        |  |
|-----------------------------------------------|--|--|--|--|----------------------------------------------------------------|--------------------|-----------------|----------------------|-----------------------------|--------------------------------------------------------------------------|--|-----------------------------------------------------------|--|-----------------------------------------------|--|----------------------------------------|--|----------------------------------------|--|
| <b>Well Name</b><br>BLOOM, PAUL               |  |  |  |  | <b>Township</b><br>148                                         | <b>Range</b><br>26 | <b>Dir</b><br>W | <b>Section</b><br>18 | <b>Subsection</b><br>ABDBCD | <b>Well Depth</b><br>130 ft.                                             |  | <b>Depth Completed</b><br>124 ft.                         |  | <b>Date Well Completed</b><br>06/05/1982      |  |                                        |  |                                        |  |
| <b>Elevation</b><br>1335                      |  |  |  |  | <b>Elev. Method</b><br>7.5 minute topographic map (+/- 5 feet) |                    |                 |                      |                             | <b>Drill Method</b><br>Non-specified Rotary                              |  | <b>Drill Fluid</b>                                        |  |                                               |  |                                        |  |                                        |  |
| <b>Address</b>                                |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Use</b><br>domestic                                                   |  | <b>Status</b><br>Active                                   |  |                                               |  |                                        |  |                                        |  |
| <b>Contact</b><br>418 CEDAR BRAINERD MN 56401 |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Well Hydrofractured?</b>                                              |  | <b>Yes</b> <input type="checkbox"/>                       |  | <b>No</b> <input type="checkbox"/>            |  | <b>From</b> <b>To</b>                  |  |                                        |  |
| <b>Stratigraphy Information</b>               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Casing Type</b><br>Single casing                                      |  | <b>Joint</b>                                              |  |                                               |  |                                        |  |                                        |  |
| <b>Geological Material</b>                    |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Drive Shoe?</b>                                                       |  | <b>Yes</b> <input type="checkbox"/>                       |  | <b>No</b> <input checked="" type="checkbox"/> |  | <b>Above/Below</b> 1 ft.               |  |                                        |  |
| <b>FINE SAND</b>                              |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Casing Diameter</b>                                                   |  | <b>Weight</b>                                             |  |                                               |  |                                        |  |                                        |  |
| <b>CLAY</b>                                   |  |  |  |  |                                                                |                    |                 |                      |                             | 4 in. To                                                                 |  | 120 ft.                                                   |  | lbs./ft.                                      |  |                                        |  |                                        |  |
| <b>SAND</b>                                   |  |  |  |  |                                                                |                    |                 |                      |                             | 2 in. To                                                                 |  | 12 ft.                                                    |  | 4 ft.                                         |  | 120 ft. 124 ft.                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Open Hole</b>                                                         |  | From                                                      |  | ft.                                           |  | To                                     |  | ft.                                    |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Screen?</b> <input checked="" type="checkbox"/>                       |  | <b>Type</b> stainless                                     |  | <b>Make</b> JOHNSON                           |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Diameter                                                                 |  | Slot/Gauze                                                |  | Length                                        |  | Set                                    |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | 2 in.                                                                    |  | 12                                                        |  | 4 ft.                                         |  | 120 ft.                                |  | 124 ft.                                |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Static Water Level</b>                                                |  | 15 ft.                                                    |  | land surface                                  |  | Measure                                |  | 05/05/1982                             |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Pumping Level (below land surface)</b>                                |  | 27 ft.                                                    |  | 1 hrs.                                        |  | Pumping at                             |  | 10 g.p.m.                              |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Wellhead Completion</b>                                               |  | Pitless adapter manufacturer                              |  | Model                                         |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <input type="checkbox"/> Casing Protection                               |  | <input type="checkbox"/> 12 in. above grade               |  |                                               |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) |  |                                                           |  |                                               |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Grouting Information</b>                                              |  | Well Grouted?                                             |  | <input type="checkbox"/> Yes                  |  | <input checked="" type="checkbox"/> No |  | <input type="checkbox"/> Not Specified |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Nearest Known Source of Contamination</b>                             |  | 100 feet                                                  |  | Direction                                     |  | Septic tank/drain field                |  | Type                                   |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Well disinfected upon completion?                                        |  | <input checked="" type="checkbox"/> Yes                   |  | <input type="checkbox"/> No                   |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Pump</b> <input type="checkbox"/> Not Installed                       |  | Date Installed                                            |  | 05/08/1982                                    |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Manufacturer's name                                                      |  | STANDARD                                                  |  |                                               |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Model Number                                                             |  | 9D9P051                                                   |  | HP                                            |  | 0.5                                    |  | Volt 230                               |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Length of drop pipe                                                      |  | 105 ft                                                    |  | Capacity                                      |  | 10 g.p.                                |  | Typ Submersible                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Abandoned</b>                                                         |  | Does property have any not in use and not sealed well(s)? |  | <input type="checkbox"/> Yes                  |  | <input type="checkbox"/> No            |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Variance</b>                                                          |  | Was a variance granted from the MDH for this well?        |  | <input type="checkbox"/> Yes                  |  | <input type="checkbox"/> No            |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Miscellaneous</b>                                                     |  | First Bedrock                                             |  | Aquifer                                       |  | Quat. buried                           |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Last Strat                                                               |  | sand-brown                                                |  | Depth to Bedrock                              |  |                                        |  | ft                                     |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Located by                                                               |  | Itasca Cty. Soil & Water Cons. Dist.                      |  |                                               |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Locate Method                                                            |  | GPS SA Off (averaged) (15 meters)                         |  |                                               |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | System                                                                   |  | UTM - NAD83, Zone 15, Meters                              |  | X 423482                                      |  | Y 5276903                              |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Unique Number Verification                                               |  | Name on mailbox                                           |  | Input Date                                    |  | 08/01/2000                             |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Angled Drill Hole</b>                                                 |  |                                                           |  |                                               |  |                                        |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Well Contractor</b>                                                   |  | North Star Drilling                                       |  | 48038                                         |  | EXSTED, M.                             |  |                                        |  |
|                                               |  |  |  |  |                                                                |                    |                 |                      |                             | Licensee Business                                                        |  | Lic. or Reg. No.                                          |  | Name of Driller                               |  |                                        |  |                                        |  |

Remarks  
SAND LAKE HEIGHTS ADD. LOT 23.