

795454

County Wabasha  
Quad  
Quad ID

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

Entry Date 09/12/2013  
Update Date 12/26/2013  
Received Date 07/22/2013

|                                       |                        |                    |                 |                      |                          |                                                                                                                                                      |                                   |                                          |
|---------------------------------------|------------------------|--------------------|-----------------|----------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>Well Name</b><br>SHEEHAN,          | <b>Township</b><br>110 | <b>Range</b><br>10 | <b>Dir</b><br>W | <b>Section</b><br>25 | <b>Subsection</b><br>CDB | <b>Well Depth</b><br>140 ft.                                                                                                                         | <b>Depth Completed</b><br>140 ft. | <b>Date Well Completed</b><br>06/27/2013 |
| <b>Elevation</b>                      | <b>Elev. Method</b>    |                    |                 |                      |                          | <b>Drill Method</b><br>Non-specified Rotary                                                                                                          | <b>Drill Fluid</b><br>Bentonite   |                                          |
| <b>Address</b>                        |                        |                    |                 |                      |                          | <b>Use</b><br>irrigation                                                                                                                             | <b>Status</b><br>Active           |                                          |
| Well 84 CR KELLOGG MN 55945           |                        |                    |                 |                      |                          | <b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>From</b> <b>To</b>                                |                                   |                                          |
| Contact 630941 84 CR KELLOGG MN 55945 |                        |                    |                 |                      |                          | <b>Casing Type</b> Single casing <b>Joint</b> Welded                                                                                                 |                                   |                                          |
| <b>Stratigraphy Information</b>       |                        |                    |                 |                      |                          | <b>Drive Shoe?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>Above/Below</b>                                            |                                   |                                          |
| Geological Material                   |                        | From               | To (ft.)        | Color                | Hardness                 | <b>Casing Diameter</b> <b>Weight</b> <b>Hole Diameter</b>                                                                                            |                                   |                                          |
| SAND                                  |                        | 0                  | 110             | BROWN                | SOFT                     | 16 in. To 112 ft. 62.58 lbs./ft. 22 in. To 140 ft.                                                                                                   |                                   |                                          |
| SAND & GRAVEL                         |                        | 110                | 140             | BROWN                | SOFT                     |                                                                                                                                                      |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <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                                                                                                                       |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | 16 in. 55 30 ft. 110 ft. 140 ft.                                                                                                                     |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <b>Static Water Level</b>                                                                                                                            |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | 4 ft. land surface Measure 06/27/2013                                                                                                                |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <b>Pumping Level (below land surface)</b>                                                                                                            |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | 80 ft. 3 hrs. Pumping at 1200 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | Material Amount From To                                                                                                                              |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | pearock 3 Cubic yards 100 ft. 140 ft.                                                                                                                |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | bentonite 30 Sacks ft. 100 ft.                                                                                                                       |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <b>Nearest Known Source of Contamination</b>                                                                                                         |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | 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 06/27/2013                                                                         |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | Manufacturer's name FLOW SERVE                                                                                                                       |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | Model Number 12S14-4 HP 60 Volt                                                                                                                      |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | Length of drop pipe 80 ft Capacity 900 g.p. Typ Turbine                                                                                              |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <b>Abandoned</b>                                                                                                                                     |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                        |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <b>Variance</b>                                                                                                                                      |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                               |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <b>Miscellaneous</b>                                                                                                                                 |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | 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                                                                                                                |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <b>Angled Drill Hole</b>                                                                                                                             |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | <b>Well Contractor</b>                                                                                                                               |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | Kimmes Bauer Well Drilling, 1540 ROBERT/GARY                                                                                                         |                                   |                                          |
|                                       |                        |                    |                 |                      |                          | Licensee Business Lic. or Reg. No. Name of Driller                                                                                                   |                                   |                                          |