

652843

County Roseau  
Quad  
Quad ID

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

Entry Date 05/15/2001  
Update Date 08/16/2012  
Received Date

|                                                                                                                                                      |                        |                                                        |                 |                              |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------|-----------------|------------------------------|--------------------------|
| <b>Well Name</b><br>REED, CHARITY                                                                                                                    | <b>Township</b><br>163 | <b>Range</b><br>37                                     | <b>Dir</b><br>W | <b>Section</b><br>33         | <b>Subsection</b><br>DBA |
| <b>Elevation</b>                                                                                                                                     | <b>Elev. Method</b>    |                                                        |                 |                              |                          |
| <b>Address</b>                                                                                                                                       |                        |                                                        |                 |                              |                          |
| Contact 54518 344TH ST WARROAD MN 56763                                                                                                              |                        |                                                        |                 |                              |                          |
| Well RR WARROAD MN 56763                                                                                                                             |                        |                                                        |                 |                              |                          |
| <b>Stratigraphy Information</b>                                                                                                                      |                        |                                                        |                 |                              |                          |
| Geological Material                                                                                                                                  |                        | From                                                   | To (ft.)        | Color                        | Hardness                 |
| SAND                                                                                                                                                 |                        | 0                                                      | 22              | BROWN                        | SOFT                     |
| CLAY                                                                                                                                                 |                        | 22                                                     | 38              | GRAY                         | MEDIUM                   |
| FINE SAND                                                                                                                                            |                        | 38                                                     | 42              | GRAY                         | SOFT                     |
| CLAY                                                                                                                                                 |                        | 42                                                     | 52              | GRAY                         | MEDIUM                   |
| <b>Well Depth</b> 52 ft. <b>Depth Completed</b> 42 ft. <b>Date Well Completed</b> 10/16/2000                                                         |                        |                                                        |                 |                              |                          |
| <b>Drill Method</b>                                                                                                                                  |                        | Non-specified Rotary                                   |                 | <b>Drill Fluid</b> Bentonite |                          |
| <b>Use</b> domestic                                                                                                                                  |                        |                                                        |                 | <b>Status</b> Active         |                          |
| <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> Glued                                                                                                  |                        |                                                        |                 |                              |                          |
| <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>         |                          |
| 4 in. To 38 ft.                                                                                                                                      |                        | lbs./ft.                                               |                 | 8.5 in. To 20 ft.            |                          |
|                                                                                                                                                      |                        |                                                        |                 | 6.2 in. To 52 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                   |                          |
| 4 in.                                                                                                                                                |                        | 10                                                     |                 | 4 ft. 38 ft. 42 ft.          |                          |
| <b>Static Water Level</b>                                                                                                                            |                        |                                                        |                 |                              |                          |
| 10 ft.                                                                                                                                               |                        | land surface                                           |                 | Measure 10/16/2000           |                          |
| <b>Pumping Level (below land surface)</b>                                                                                                            |                        |                                                        |                 |                              |                          |
| ft.                                                                                                                                                  |                        | hrs.                                                   |                 | Pumping at 4 g.p.m.          |                          |
| <b>Wellhead Completion</b>                                                                                                                           |                        |                                                        |                 |                              |                          |
| Pitless adapter manufacturer                                                                                                                         |                        |                                                        |                 | Model                        |                          |
| <input type="checkbox"/> Casing Protection                                                                                                           |                        | <input checked="" 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                      |                          |
| high solids bentonite                                                                                                                                |                        | 4 Sacks                                                |                 | 0 ft. 30 ft.                 |                          |
| <b>Nearest Known Source of Contamination</b>                                                                                                         |                        |                                                        |                 |                              |                          |
| 65 feet                                                                                                                                              |                        | North Direction                                        |                 | Septic tank/drain field Type |                          |
| Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                |                        |                                                        |                 |                              |                          |
| <b>Pump</b> <input checked="" type="checkbox"/> Not Installed Date Installed                                                                         |                        |                                                        |                 |                              |                          |
| Manufacturer's name                                                                                                                                  |                        |                                                        |                 |                              |                          |
| Model Number                                                                                                                                         |                        | HP                                                     |                 | Volt                         |                          |
| Length of drop pipe                                                                                                                                  |                        | ft Capacity                                            |                 | g.p. Typ                     |                          |
| <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>                                                                                                                               |                        |                                                        |                 |                              |                          |
| Pelan Well Co.                                                                                                                                       |                        | 35396                                                  |                 | WYLAND, B                    |                          |
| Licensee Business                                                                                                                                    |                        | Lic. or Reg. No.                                       |                 | Name of Driller              |                          |