

117847

County Meeker  
Quad Litchfield  
Quad ID 125A

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

Entry Date 05/10/1988  
Update Date 06/02/2014  
Received Date

|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
|---------------------------------------------------|--|--|--|--|----------------------------------------------------------------|--------------------|-----------------------------------|---------------------|-----------------------------|--------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|--------------------|--|
| <b>Well Name</b><br>ECONOMY                       |  |  |  |  | <b>Township</b><br>119                                         | <b>Range</b><br>31 | <b>Dir</b><br>W                   | <b>Section</b><br>2 | <b>Subsection</b><br>BDBDDC | <b>Well Depth</b><br>143 ft.                                             |  | <b>Depth Completed</b><br>143 ft.                                                                                        |  | <b>Date Well Completed</b><br>08/29/1977 |                    |  |
| <b>Elevation</b><br>1159                          |  |  |  |  | <b>Elev. Method</b><br>7.5 minute topographic map (+/- 5 feet) |                    | <b>Drill Method</b><br>Cable Tool |                     |                             |                                                                          |  |                                                                                                                          |  |                                          | <b>Drill Fluid</b> |  |
| <b>Address</b><br><br>Contact LITCHFIELD MN 55355 |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Use</b><br>domestic                                                   |  | <b>Status</b><br>Active                                                                                                  |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Well Hydrofractured?</b>                                              |  | Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                 |  | <b>From</b><br><b>To</b>                 |                    |  |
| <b>Stratigraphy Information</b>                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Casing Type</b><br>Single casing                                      |  | <b>Joint</b><br>Threaded                                                                                                 |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Drive Shoe?</b>                                                       |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                      |  | <b>Above/Below</b><br>1 ft.              |                    |  |
| <b>Geological Material</b>                        |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Casing Diameter</b>                                                   |  | <b>Weight</b>                                                                                                            |  |                                          |                    |  |
| GRAVEL FILL                                       |  |  |  |  |                                                                |                    |                                   |                     |                             | 4 in. To                                                                 |  | 139 ft. 11                                                                                                               |  | lbs./ft.                                 |                    |  |
| TOP SOIL                                          |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
| CLAY                                              |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
| SANDY CLAY                                        |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
| CLAY & SAND                                       |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
| CLAY                                              |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
| SAND & GRAVEL                                     |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
| SAND & GRAVEL                                     |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <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. 25                                                                 |  | 4 ft. 139 ft.                                                                                                            |  | 143 ft.                                  |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Static Water Level</b>                                                |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | 75 ft. land surface                                                      |  | Measure                                                                                                                  |  | 08/29/1977                               |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Pumping Level (below land surface)</b>                                |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | 77 ft. 3 hrs. Pumping at                                                 |  | 18 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Specified |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             |                                                                          |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Nearest Known Source of Contamination</b>                             |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | 80 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 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 +larger-yellow                                           |  | Depth to Bedrock                                                                                                         |  | ft                                       |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | Located by Minnesota Geological Survey                                   |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)    |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | System UTM - NAD83, Zone 15, Meters                                      |  | X 379221 Y 5000483                                                                                                       |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | Unique Number Verification                                               |  | Input Date                                                                                                               |  | 01/01/1990                               |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Angled Drill Hole</b>                                                 |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | <b>Well Contractor</b>                                                   |  |                                                                                                                          |  |                                          |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | Boerner Well Co.                                                         |  | 47047                                                                                                                    |  | BOERNER, F.                              |                    |  |
|                                                   |  |  |  |  |                                                                |                    |                                   |                     |                             | Licensee Business                                                        |  | Lic. or Reg. No.                                                                                                         |  | Name of Driller                          |                    |  |