

140641

County Morrison  
Quad Little Rock  
Quad ID 175D

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

Entry Date 04/13/1988  
Update Date 02/14/2014  
Received Date

|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|----------------------------------------------------------------|--------------------|-----------------|----------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|--|--|--|-------------------------------------------|--|--|--|----------------------------------------|--|--|--|------------------------|--|--|--|
| <b>Well Name</b><br>PEKAREK,                                                                                                                                                                            |  |  |  |  | <b>Township</b><br>39                                          | <b>Range</b><br>30 | <b>Dir</b><br>W | <b>Section</b><br>35 | <b>Subsection</b><br>DABACA | <b>Well Depth</b><br>98 ft.                                                                                                 |  |                                                                                                                          |  | <b>Depth Completed</b><br>98 ft. |  |  |  | <b>Date Well Completed</b><br>09/08/1977  |  |  |  |                                        |  |  |  |                        |  |  |  |
| <b>Elevation</b><br>1255                                                                                                                                                                                |  |  |  |  | <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><br><br>C/W RR 2 ROYALTON MN 56373                                                                                                                                                        |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Use</b><br>domestic                                                                                                      |  |                                                                                                                          |  |                                  |  |  |  | <b>Status</b><br>Active                   |  |  |  |                                        |  |  |  |                        |  |  |  |
| <b>Stratigraphy Information</b><br>Geological Material From To (ft.) Color Hardness<br>CLAY ROCKS 0 25 BROWN HARD<br>CLAY ROCKS 25 75 GRAY HARD<br>CLAY ROCKS 75 90 BROWN HARD<br>SAND 90 98 BROWN SOFT |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Well Hydrofractured?</b><br><b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>From</b> <b>To</b> |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Casing Type</b><br>Single casing                                                                                         |  |                                                                                                                          |  |                                  |  |  |  | <b>Joint</b><br>Threaded                  |  |  |  |                                        |  |  |  |                        |  |  |  |
|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Drive Shoe?</b><br><b>Yes</b> <input type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/>                     |  |                                                                                                                          |  |                                  |  |  |  | <b>Above/Below</b><br>1 ft.               |  |  |  |                                        |  |  |  |                        |  |  |  |
|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Casing Diameter</b><br>4 in.                                                                                             |  |                                                                                                                          |  |                                  |  |  |  | <b>Weight</b><br>To 90 ft. 10.89 lbs./ft. |  |  |  |                                        |  |  |  |                        |  |  |  |
|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Open Hole</b>                                                                                                            |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  | From ft. To ft.                        |  |  |  |                        |  |  |  |
|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Screen?</b> <input checked="" type="checkbox"/>                                                                          |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  | <b>Type</b><br>stainless               |  |  |  | <b>Make</b><br>JOHNSON |  |  |  |
|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             | Diameter Slot/Gauze Length Set                                                                                              |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  | 2 in. 12 8 ft. 90 ft. 98 ft.           |  |  |  |                        |  |  |  |
|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Static Water Level</b>                                                                                                   |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  | 25 ft. land surface Measure 09/08/1977 |  |  |  |                        |  |  |  |
|                                                                                                                                                                                                         |  |  |  |  |                                                                |                    |                 |                      |                             | <b>Pumping Level (below land surface)</b>                                                                                   |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  | 75 ft. 1 hrs. Pumping at 10 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>                                                                                                                                                            |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  | 75 feet South 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-brown                                                                                                                                                                                   |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  | Depth to Bedrock ft                                                                                                      |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
| Located by Minnesota Geological Survey                                                                                                                                                                  |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
| Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or                                                                                                                                      |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
| System UTM - NAD83, Zone 15, Meters X 419646 Y 5075760                                                                                                                                                  |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
| Unique Number Verification Information from Input Date 04/12/1995                                                                                                                                       |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
| <b>Angled Drill Hole</b>                                                                                                                                                                                |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  |                                                                                                                          |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
| <b>Well Contractor</b>                                                                                                                                                                                  |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  | North Star Drilling 48038 GARRISON, A.                                                                                   |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |
| Licensee Business                                                                                                                                                                                       |  |  |  |  |                                                                |                    |                 |                      |                             |                                                                                                                             |  | Lic. or Reg. No. Name of Driller                                                                                         |  |                                  |  |  |  |                                           |  |  |  |                                        |  |  |  |                        |  |  |  |