

Minnesota Unique Well Number

679846

County Douglas  
Quad Farwell  
Quad ID 181D

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

Entry Date 06/19/2003  
Update Date 01/20/2021  
Received Date 06/09/2003

|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---------------------------------------------|--------------------|----------------------------|-----------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------|---------------------------------|--|--|--|------------------------------------------|-----------------------------------------|--|--|--|--|-----------------------------|--|--|--|--|
| <b>Well Name</b><br>CORDES, DAVE                                                                                                                                                                                                                                                                                                  |  |  |  |  | <b>Township</b><br>127                      | <b>Range</b><br>38 | <b>Dir Section</b><br>W 19 | <b>Subsection</b><br>BCAADD | <b>Well Depth</b><br>62 ft. |                                                                                                                                                                                                                                                        |  |  |  | <b>Depth Completed</b><br>60 ft. |                                 |  |  |  | <b>Date Well Completed</b><br>04/09/2003 |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Elevation</b><br>1392                                                                                                                                                                                                                                                                                                          |  |  |  |  | <b>Elev. Method</b><br>LiDAR 1m DEM (MNDNR) |                    |                            |                             |                             | <b>Drill Method</b><br>Non-specified Rotary                                                                                                                                                                                                            |  |  |  |                                  | <b>Drill Fluid</b><br>Bentonite |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Address</b><br><br>Well 8614 4 CR SW ALEXANDRIA MN 56308                                                                                                                                                                                                                                                                       |  |  |  |  |                                             |                    |                            |                             |                             | <b>Use</b><br>domestic                                                                                                                                                                                                                                 |  |  |  |                                  | <b>Status</b><br>Active         |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Stratigraphy Information</b><br>Geological Material From To (ft.) Color Hardness<br>TOP SOIL 0 2 DARK SOFT<br>CLAY 2 30 YELLOW MEDIUM<br>CLAY 30 55 GRAY MEDIUM<br>SAND COARSE 55 62 LIGHT SOFT                                                                                                                                |  |  |  |  |                                             |                    |                            |                             |                             | <b>Well Hydrofractured?</b><br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                                                                                                                                     |  |  |  |                                  | <b>From</b><br>To               |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Casing Type</b><br>Single casing                                                                                                                                                                                                                    |  |  |  |                                  | <b>Joint</b><br>Welded          |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Drive Shoe?</b><br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                                                                                                                                              |  |  |  |                                  | <b>Above/Below</b>              |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Casing Diameter</b><br>4 in. To 56 ft.                                                                                                                                                                                                              |  |  |  |                                  | <b>Weight</b><br>lbs./ft.       |  |  |  |                                          | <b>Hole Diameter</b><br>8 in. To 60 ft. |  |  |  |  |                             |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Open Hole</b><br>From ft. To ft.                                                                                                                                                                                                                    |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Screen?</b> <input checked="" type="checkbox"/>                                                                                                                                                                                                     |  |  |  |                                  | <b>Type</b><br>telescoping      |  |  |  |                                          | <b>Make</b><br>JOHNSON                  |  |  |  |  |                             |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Diameter</b><br>4 in.                                                                                                                                                                                                                               |  |  |  |                                  | <b>Slot/Gauze</b><br>18         |  |  |  |                                          | <b>Length</b><br>4 ft.                  |  |  |  |  | <b>Set</b><br>56 ft. 60 ft. |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Static Water Level</b><br>18 ft. land surface Measure 04/09/2003                                                                                                                                                                                    |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Pumping Level (below land surface)</b><br>40 ft. 2 hrs. Pumping at 75 g.p.m.                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |                                             |                    |                            |                             |                             | <b>Wellhead Completion</b><br>Pitless adapter manufacturer MONITOR Model BULLDOG<br><input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade<br><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Grouting Information</b><br>Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified<br>Material Amount From To<br>high solids bentonite 3 Sacks 0 ft. 30 ft.                                                                                                  |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Nearest Known Source of Contamination</b><br>85 feet North Direction Sewer Type<br>Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                       |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Pump</b> <input type="checkbox"/> Not Installed Date Installed 04/09/2003<br>Manufacturer's name AERMOTOR\<br>Model Number T12-50 3-W HP 0.5 Volt 230<br>Length of drop pipe 40 ft Capacity 12 g.p. Typ Submersible                                                                                                            |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Abandoned</b><br>Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                 |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Variance</b><br>Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                         |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Miscellaneous</b><br>First Bedrock Aquifer Quat. buried<br>Last Strat sand Depth to Bedrock ft<br>Located by Minnesota Geological Survey<br>Locate Method GPS SA Off (averaged) (15 meters)<br>System UTM - NAD83, Zone 15, Meters X 305316 Y 5074774<br>Unique Number Verification Address verification Input Date 01/04/2021 |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                          |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |
| <b>Well Contractor</b><br>Lee D. Well Co. 26572 LEE, Q.<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                                                     |  |  |  |  |                                             |                    |                            |                             |                             |                                                                                                                                                                                                                                                        |  |  |  |                                  |                                 |  |  |  |                                          |                                         |  |  |  |  |                             |  |  |  |  |

Remarks  
37-H 0-IRON

Minnesota Well Index Report

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