

879618

County Beltrami  
Quad Bemidji  
Quad ID 302B

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

Entry Date 05/18/2026  
Update Date 05/19/2026  
Received Date 04/13/2026

|                                                                            |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
|----------------------------------------------------------------------------|--------------------------------------|--------------------------------------|----------|--------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------|
| Well Name<br>DWYER,                                                        | Township<br>146                      | Range<br>33                          | Dir<br>W | Section<br>31            | Subsection<br>DDADCC | Well Depth<br>55 ft.                                                                                                        | Depth Completed<br>55 ft.    | Date Well Completed<br>05/24/2024 |
| Elevation<br>1352                                                          | Elev. Method<br>LiDAR 1m DEM (MNDNR) | Drill Method<br>Non-specified Rotary |          | Drill Fluid<br>Bentonite |                      |                                                                                                                             |                              |                                   |
| Address<br>Well 1845 N. PLANTAGENET RD SW BEMIDJI MN                       |                                      |                                      |          |                          |                      | Use<br>domestic                                                                                                             | Status<br>Active             |                                   |
| Stratigraphy Information                                                   |                                      |                                      |          |                          |                      | Well Hydrofractured?<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                 | From<br>To                   |                                   |
| Geological Material                                                        |                                      |                                      |          |                          |                      | Casing Type<br>Single casing                                                                                                | Joint                        |                                   |
| SAND                                                                       |                                      |                                      |          |                          |                      | Drive Shoe?<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                          | Above/Below                  |                                   |
| DIRTY SAND                                                                 |                                      |                                      |          |                          |                      | Casing Diameter<br>4 in. To 50 ft.                                                                                          | Weight<br>lbs./ft.           |                                   |
| CLAY/SAND                                                                  |                                      |                                      |          |                          |                      | Hole Diameter<br>8 in. To 20 ft.                                                                                            |                              |                                   |
| FINE SAND                                                                  |                                      |                                      |          |                          |                      | 6.7 in. To 55 ft.                                                                                                           |                              |                                   |
| GOOD SAND                                                                  |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| Open Hole                                                                  |                                      |                                      |          |                          |                      | From<br>ft.                                                                                                                 | To<br>ft.                    |                                   |
| Screen? <input checked="" type="checkbox"/>                                |                                      |                                      |          |                          |                      | Type<br>plastic                                                                                                             | Make<br>JOHNSON              |                                   |
| Diameter<br>4 in.                                                          |                                      |                                      |          |                          |                      | Slot/Gauze<br>15                                                                                                            | Length<br>5 ft.              |                                   |
|                                                                            |                                      |                                      |          |                          |                      | Set<br>50 ft.                                                                                                               | 55 ft.                       |                                   |
| Static Water Level                                                         |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| 8 ft.                                                                      |                                      |                                      |          |                          |                      | land surface                                                                                                                | Measure<br>05/24/2024        |                                   |
| Pumping Level (below land surface)                                         |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| 24 ft.                                                                     |                                      |                                      |          |                          |                      | 2 hrs.                                                                                                                      | Pumping at<br>50 g.p.m.      |                                   |
| Wellhead Completion                                                        |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| Pitless adapter manufacturer<br><input type="checkbox"/> Casing Protection |                                      |                                      |          |                          |                      | BAKER BULLDO<br><input checked="" type="checkbox"/> 12 in. above grade                                                      | Model<br>48LF                |                                   |
|                                                                            |                                      |                                      |          |                          |                      | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                    |                              |                                   |
| Grouting Information                                                       |                                      |                                      |          |                          |                      | Well Grouted?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified |                              |                                   |
| Material<br>bentonite                                                      |                                      |                                      |          |                          |                      | Amount<br>4 Sacks                                                                                                           | From<br>To<br>ft. 40 ft.     |                                   |
| Nearest Known Source of Contamination                                      |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| 109 feet                                                                   |                                      |                                      |          |                          |                      | West Direction                                                                                                              | Septic tank/drain field Type |                                   |
| Well disinfected upon completion?                                          |                                      |                                      |          |                          |                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                         |                              |                                   |
| Pump <input type="checkbox"/> Not Installed                                |                                      |                                      |          |                          |                      | Date Installed<br>12/05/2024                                                                                                |                              |                                   |
| Manufacturer's name<br>GRUNDFOS                                            |                                      |                                      |          |                          |                      | Model Number<br>SQE190                                                                                                      | HP<br>1                      |                                   |
|                                                                            |                                      |                                      |          |                          |                      | Volt<br>220                                                                                                                 |                              |                                   |
| Length of drop pipe<br>40 ft                                               |                                      |                                      |          |                          |                      | Capacity<br>22 g.p.                                                                                                         | Typ<br>Submersible           |                                   |
| Abandoned                                                                  |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| Does property have any not in use and not sealed well(s)?                  |                                      |                                      |          |                          |                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                         |                              |                                   |
| Variance                                                                   |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| Was a variance granted from the MDH for this well?                         |                                      |                                      |          |                          |                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                         |                              |                                   |
| Miscellaneous                                                              |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| First Bedrock                                                              |                                      |                                      |          |                          |                      | Aquifer                                                                                                                     | Quat. buried                 |                                   |
| Last Strat<br>sand-gray                                                    |                                      |                                      |          |                          |                      | Depth to Bedrock                                                                                                            | ft                           |                                   |
| Located by<br>Minnesota Geological Survey                                  |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| Locate Method<br>Digitization (Screen) - Map (1:24,000) (15 meters or      |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| System<br>UTM - NAD83, Zone 15, Meters                                     |                                      |                                      |          |                          |                      | X 356102                                                                                                                    | Y 5252780                    |                                   |
| Unique Number Verification                                                 |                                      |                                      |          |                          |                      | Tax Records                                                                                                                 | Input Date<br>05/18/2026     |                                   |
| Angled Drill Hole                                                          |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| Well Contractor                                                            |                                      |                                      |          |                          |                      |                                                                                                                             |                              |                                   |
| Willie Borstad Well Drilling                                               |                                      |                                      |          |                          |                      | 4161                                                                                                                        | BORSTAD, W.                  |                                   |
| Licensee Business                                                          |                                      |                                      |          |                          |                      | Lic. or Reg. No.                                                                                                            | Name of Driller              |                                   |