

411809

County Pope  
Quad Westport  
Quad ID 160B

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

Entry Date 04/17/1988  
Update Date 03/10/2014  
Received Date

|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             |                                                                                                                                                                                                                                        |                                   |                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------|-----------------|----------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>Well Name</b><br>AASAND, OLAF                                                                                                                                                                                                                                                                                                                          | <b>Township</b><br>125                                         | <b>Range</b><br>36 | <b>Dir</b><br>W | <b>Section</b><br>16 | <b>Subsection</b><br>CCBABD | <b>Well Depth</b><br>112 ft.                                                                                                                                                                                                           | <b>Depth Completed</b><br>112 ft. | <b>Date Well Completed</b><br>06/18/1985 |
| <b>Elevation</b><br>1356                                                                                                                                                                                                                                                                                                                                  | <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>Contact RR 3 GRAFTON ND 58237                                                                                                                                                                                                                                                                                                       |                                                                |                    |                 |                      |                             | <b>Use</b> irrigation <b>Status</b> Active                                                                                                                                                                                             |                                   |                                          |
| <b>Stratigraphy Information</b><br>Geological Material From To (ft.) Color Hardness<br>TOPSOIL 0 1<br>SAND & GRAVEL 1 26<br>CLAY MIXED W/ 26 70 BLUE<br>FINE SAND 70 76<br>CLAY 76 89 BLUE<br>SAND & GRAVEL 89 112                                                                                                                                        |                                                                |                    |                 |                      |                             | <b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>From</b> <b>To</b>                                                                                                                             |                                   |                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             | <b>Casing Type</b> Single casing <b>Joint</b>                                                                                                                                                                                          |                                   |                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             | <b>Drive Shoe?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>Above/Below</b>                                                                                                                              |                                   |                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             | <b>Casing Diameter</b> 12 in. To 88 ft. <b>Weight</b> lbs./ft. <b>Hole Diameter</b> 17 in. To 112 ft.                                                                                                                                  |                                   |                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             | <b>Open Hole</b> From ft. To ft.                                                                                                                                                                                                       |                                   |                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             | <b>Screen?</b> <input checked="" type="checkbox"/> <b>Type</b> other <b>Make</b> DOERR<br>Diameter Slot/Gauze Length Set<br>12 in. 80 24 ft. 88 ft. 112 ft.                                                                            |                                   |                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             | <b>Static Water Level</b><br>18 ft. land surface Measure 06/18/1985                                                                                                                                                                    |                                   |                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             | <b>Pumping Level (below land surface)</b><br>67 ft. 16 hrs. Pumping at 800 g.p.m.                                                                                                                                                      |                                   |                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                |                    |                 |                      |                             | <b>Wellhead Completion</b><br>Pitless adapter manufacturer Model<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> Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified<br>Material Amount From To<br>neat cement 0 ft. 35 ft.                            |                                   |                                          |
| <b>Nearest Known Source of Contamination</b><br>feet Direction Type<br>Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                              |                                                                |                    |                 |                      |                             |                                                                                                                                                                                                                                        |                                   |                                          |
| <b>Pump</b> <input checked="" type="checkbox"/> Not Installed Date Installed<br>Manufacturer's name<br>Model Number HP Volt<br>Length of drop pipe ft Capacity g.p. Typ                                                                                                                                                                                   |                                                                |                    |                 |                      |                             |                                                                                                                                                                                                                                        |                                   |                                          |
| <b>Abandoned</b><br>Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                    |                                                                |                    |                 |                      |                             |                                                                                                                                                                                                                                        |                                   |                                          |
| <b>Variance</b><br>Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                            |                                                                |                    |                 |                      |                             |                                                                                                                                                                                                                                        |                                   |                                          |
| <b>Miscellaneous</b><br>First Bedrock Aquifer Quat. buried<br>Last Strat sand +larger Depth to Bedrock ft<br>Located by Minnesota Geological Survey<br>Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)<br>System UTM - NAD83, Zone 15, Meters X 326917 Y 5055522<br>Unique Number Verification Other, note in Input Date 03/02/2000 |                                                                |                    |                 |                      |                             |                                                                                                                                                                                                                                        |                                   |                                          |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                                                  |                                                                |                    |                 |                      |                             |                                                                                                                                                                                                                                        |                                   |                                          |
| <b>Well Contractor</b><br>Blue Water Well Co. 73413 KNIGHT, E.<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                                                                      |                                                                |                    |                 |                      |                             |                                                                                                                                                                                                                                        |                                   |                                          |

Remarks  
REPLACEMENT WELL FOR FOUR SHALLOW WELLS.