

469772

County Crow Wing  
Quad Nisswa  
Quad ID 232D

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

Entry Date 08/13/1991  
Update Date 03/19/2014  
Received Date

|                                                                                                                                                                                                     |                        |                    |                 |                      |                           |                                                                                                                                                                                                                                                              |                                  |                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|-----------------|----------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------|
| <b>Well Name</b><br>HALVERSON,                                                                                                                                                                      | <b>Township</b><br>136 | <b>Range</b><br>29 | <b>Dir</b><br>W | <b>Section</b><br>34 | <b>Subsection</b><br>null | <b>Well Depth</b><br>60 ft.                                                                                                                                                                                                                                  | <b>Depth Completed</b><br>60 ft. | <b>Date Well Completed</b><br>11/23/1990 |
| <b>Elevation</b>                                                                                                                                                                                    | <b>Elev. Method</b>    |                    |                 |                      |                           | <b>Drill Method</b><br>Non-specified Rotary                                                                                                                                                                                                                  | <b>Drill Fluid</b><br>Bentonite  |                                          |
| <b>Address</b><br><br>C/W BOX 483 NISSWA MN 56468                                                                                                                                                   |                        |                    |                 |                      |                           | <b>Use</b><br>domestic                                                                                                                                                                                                                                       | <b>Status</b><br>Active          |                                          |
| <b>Stratigraphy Information</b><br>Geological Material From To (ft.) Color Hardness<br>SAND 0 20 BROWN SFT-HRD<br>SAND 20 30 BROWN SOFT<br>SAND 30 60 GRAY SOFT                                     |                        |                    |                 |                      |                           | <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> 1 ft.                                                                                                                                              |                                  |                                          |
|                                                                                                                                                                                                     |                        |                    |                 |                      |                           | <b>Casing Diameter</b> <b>Weight</b> <b>Hole Diameter</b><br>4 in. To 56 ft. 2 lbs./ft. 8 in. To 60 ft.                                                                                                                                                      |                                  |                                          |
|                                                                                                                                                                                                     |                        |                    |                 |                      |                           | <b>Open Hole</b> From ft. To ft.                                                                                                                                                                                                                             |                                  |                                          |
|                                                                                                                                                                                                     |                        |                    |                 |                      |                           | <b>Screen?</b> <input checked="" type="checkbox"/> <b>Type</b> stainless <b>Make</b> COOK<br>Diameter Slot/Gauze Length Set<br>2 in. 12 4 ft. 56 ft. 60 ft.                                                                                                  |                                  |                                          |
|                                                                                                                                                                                                     |                        |                    |                 |                      |                           | <b>Static Water Level</b><br>15 ft. land surface Measure 11/23/1990                                                                                                                                                                                          |                                  |                                          |
|                                                                                                                                                                                                     |                        |                    |                 |                      |                           | <b>Pumping Level (below land surface)</b>                                                                                                                                                                                                                    |                                  |                                          |
|                                                                                                                                                                                                     |                        |                    |                 |                      |                           | <b>Wellhead Completion</b><br>Pitless adapter manufacturer MAASS Model 4J-1<br><input type="checkbox"/> Casing Protection <input checked="" 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 10 ft. 40 ft.<br>bentonite 40 ft. 55 ft.                      |                                  |                                          |
| <b>Nearest Known Source of Contamination</b><br>50 feet North Direction Body of water 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 11/23/1990<br>Manufacturer's name AY MCDONALD<br>Model Number 50K2 HP 0.5 Volt 230<br>Length of drop pipe 35 ft Capacity 14 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 type="checkbox"/> No                                                                                                                               |                                  |                                          |
| <b>Miscellaneous</b><br>First Bedrock Aquifer<br>Last Strat Depth to Bedrock ft<br>Located by<br>Locate Method<br>System UTM - NAD83, Zone 15, Meters X Y<br>Unique Number Verification Input Date  |                        |                    |                 |                      |                           | <b>Angled Drill Hole</b>                                                                                                                                                                                                                                     |                                  |                                          |
| <b>Well Contractor</b><br>Northland Well Co. 49397 LONGANECKER<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                |                        |                    |                 |                      |                           |                                                                                                                                                                                                                                                              |                                  |                                          |