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County Pine  
Quad  
Quad ID

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

Entry Date 06/27/2000  
Update Date 03/11/2005  
Received Date

|                                         |                       |                    |                           |                          |                                                                                                                                                      |                                   |                                          |
|-----------------------------------------|-----------------------|--------------------|---------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>Well Name</b><br>HUDLOW, BOB         | <b>Township</b><br>39 | <b>Range</b><br>21 | <b>Dir Section</b><br>W 9 | <b>Subsection</b><br>DDD | <b>Well Depth</b><br>150 ft.                                                                                                                         | <b>Depth Completed</b><br>150 ft. | <b>Date Well Completed</b><br>09/00/1998 |
| <b>Elevation</b>                        | <b>Elev. Method</b>   |                    |                           |                          | <b>Drill Method</b><br>Non-specified Rotary                                                                                                          | <b>Drill Fluid</b><br>Bentonite   |                                          |
| <b>Address</b>                          |                       |                    |                           |                          | <b>Use</b><br>domestic                                                                                                                               | <b>Status</b><br>Active           |                                          |
| Contact RR 3 BOX 600 PINE CITY MN 55063 |                       |                    |                           |                          | <b>Well Hydrofractured?</b><br><b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>From</b> <b>To</b>                          |                                   |                                          |
| <b>Stratigraphy Information</b>         |                       |                    |                           |                          | <b>Casing Type</b><br>Single casing <b>Joint</b>                                                                                                     |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Drive Shoe?</b> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Above/Below</b>                                         |                                   |                                          |
| <b>Geological Material</b>              |                       |                    |                           |                          | <b>Casing Diameter</b> <b>Weight</b>                                                                                                                 |                                   |                                          |
| CLAY                                    |                       |                    |                           |                          | 4 in. To 140 ft. lbs./ft.                                                                                                                            |                                   |                                          |
| SAND                                    |                       |                    |                           |                          |                                                                                                                                                      |                                   |                                          |
| CLAY & COBBLES                          |                       |                    |                           |                          |                                                                                                                                                      |                                   |                                          |
| SAND & GRAVEL                           |                       |                    |                           |                          |                                                                                                                                                      |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Open Hole</b> From ft. To ft.                                                                                                                     |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Screen?</b> <input checked="" type="checkbox"/> <b>Type</b> plastic <b>Make</b> BLUE POINT                                                        |                                   |                                          |
|                                         |                       |                    |                           |                          | Diameter Slot/Gauze Length Set                                                                                                                       |                                   |                                          |
|                                         |                       |                    |                           |                          | 4 in. 15 10 ft. 140 ft. 150 ft.                                                                                                                      |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Static Water Level</b>                                                                                                                            |                                   |                                          |
|                                         |                       |                    |                           |                          | 35 ft. land surface Measure 09/00/1998                                                                                                               |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Pumping Level (below land surface)</b>                                                                                                            |                                   |                                          |
|                                         |                       |                    |                           |                          | 145 ft. 2 hrs. Pumping at 25 g.p.m.                                                                                                                  |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Wellhead Completion</b>                                                                                                                           |                                   |                                          |
|                                         |                       |                    |                           |                          | Pitless adapter manufacturer BAKER Model SNAPPY                                                                                                      |                                   |                                          |
|                                         |                       |                    |                           |                          | <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified |                                   |                                          |
|                                         |                       |                    |                           |                          | Material Amount From To                                                                                                                              |                                   |                                          |
|                                         |                       |                    |                           |                          | bentonite 3 Sacks 0 ft. 30 ft.                                                                                                                       |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Nearest Known Source of Contamination</b>                                                                                                         |                                   |                                          |
|                                         |                       |                    |                           |                          | 55 feet North Direction Septic tank/drain field Type                                                                                                 |                                   |                                          |
|                                         |                       |                    |                           |                          | Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Pump</b> <input type="checkbox"/> Not Installed Date Installed                                                                                    |                                   |                                          |
|                                         |                       |                    |                           |                          | Manufacturer's name AERMOTOR                                                                                                                         |                                   |                                          |
|                                         |                       |                    |                           |                          | Model Number HP 0.5 Volt 230                                                                                                                         |                                   |                                          |
|                                         |                       |                    |                           |                          | Length of drop pipe ft Capacity 12 g.p. Typ Submersible                                                                                              |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Abandoned</b>                                                                                                                                     |                                   |                                          |
|                                         |                       |                    |                           |                          | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                        |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Variance</b>                                                                                                                                      |                                   |                                          |
|                                         |                       |                    |                           |                          | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                               |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Miscellaneous</b>                                                                                                                                 |                                   |                                          |
|                                         |                       |                    |                           |                          | First Bedrock Aquifer                                                                                                                                |                                   |                                          |
|                                         |                       |                    |                           |                          | Last Strat Depth to Bedrock ft                                                                                                                       |                                   |                                          |
|                                         |                       |                    |                           |                          | Located by                                                                                                                                           |                                   |                                          |
|                                         |                       |                    |                           |                          | Locate Method                                                                                                                                        |                                   |                                          |
|                                         |                       |                    |                           |                          | System UTM - NAD83, Zone 15, Meters X Y                                                                                                              |                                   |                                          |
|                                         |                       |                    |                           |                          | Unique Number Verification Input Date                                                                                                                |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Angled Drill Hole</b>                                                                                                                             |                                   |                                          |
|                                         |                       |                    |                           |                          | <b>Well Contractor</b>                                                                                                                               |                                   |                                          |
|                                         |                       |                    |                           |                          | Black Rock Ent. 62606 ERICKSON, J.                                                                                                                   |                                   |                                          |
|                                         |                       |                    |                           |                          | Licensee Business Lic. or Reg. No. Name of Driller                                                                                                   |                                   |                                          |