

582196

County

Anoka

Quad

Coon Lake

Quad ID

135C

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

07/08/1998

Update Date

02/14/2014

Received Date

| <div><div>Well Name</div>SAUCIER,<div>Township</div>33<div>Range</div>23<div>Dir Section</div>W 34<div>Subsection</div>ACDCAC</div> <div><div>Elevation</div>912 ft.<div>Elev. Method</div>7.5 minute topographic map (+/- 5 feet)</div> <div><div>Address</div><div>Well3124 185TH LA NE EAST BETHEL MN 55092</div></div> <div><div>Stratigraphy Information</div><table><thead><tr><th>Geological Material</th><th>From</th><th>To (ft.)</th><th>Color</th><th>Hardness</th></tr></thead><tbody><tr><td>FINE SAND</td><td>0</td><td>7</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>7</td><td>18</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>18</td><td>47</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY &amp; GRAVEL</td><td>47</td><td>75</td><td>RED</td><td>MEDIUM</td></tr><tr><td>SAND &amp; GRAVEL</td><td>75</td><td>85</td><td>BROWN</td><td>SOFT</td></tr></tbody></table></div> | Geological Material | From     | To (ft.) | Color    | Hardness | FINE SAND | 0 | 7 | BROWN | SOFT | SANDY CLAY | 7 | 18 | YELLOW | MEDIUM | SAND | 18 | 47 | GRAY | SOFT | CLAY & GRAVEL | 47 | 75 | RED | MEDIUM | SAND & GRAVEL | 75 | 85 | BROWN | SOFT | <div><div>Well Depth</div>85 ft.<div>Depth Completed</div>85 ft.<div>Date Well Completed</div>10/02/1996</div> <div><div>Drill Method</div>Non-specified Rotary<div>Drill Fluid</div>Bentonite</div> <div><div>Use</div>domestic<div>Status</div>Active</div> <div><div>Well Hydrofractured?</div><div>Yes<input type="checkbox"/></div><div>No<input type="checkbox"/></div><div>From</div><div>To</div></div> <div><div>Casing Type</div>Single casing<div>Joint</div></div> <div><div>Drive Shoe?</div><div>Yes<input type="checkbox"/></div><div>No<input type="checkbox"/></div><div>Above/Below</div></div> <div><div>Casing Diameter</div>4 in.<div>To</div>75 ft.<div>Weight</div>lbs./ft.<div>Hole Diameter</div>6.5 in.<div>To</div>85 ft.</div> <div><div>Open Hole</div><div>From</div><div>ft.</div><div>To</div><div>ft.</div></div> <div><div>Screen?</div><div><input checked="" type="checkbox"/></div><div>Type</div>plastic<div>Make</div>BLUE PAINTS</div> <div><div>Diameter</div>4 in.<div>Slot/Gauze</div>12<div>Length</div>10 ft.<div>Set</div>75 ft.<div>85</div><div>ft.</div></div> <div><div>Static Water Level</div><div>30</div><div>ft.</div><div>land surface</div><div>Measure</div><div>10/02/1996</div></div> <div><div>Pumping Level (below land surface)</div><div>85</div><div>ft.</div><div>3</div><div>hrs.</div><div>Pumping at</div><div>30</div><div>g.p.m.</div></div> <div><div>Wellhead Completion</div><div>Pitless adapter manufacturer</div>BAKER<div>Model</div>SNAPPY</div> <div><div><input type="checkbox"/> Casing Protection</div><div><input checked="" type="checkbox"/> 12 in. above grade</div><div><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)</div></div> <div><div>Grouting Information</div><div>Well Grouted?</div><div><input checked="" type="checkbox"/> Yes</div><div><input type="checkbox"/> No</div><div><input type="checkbox"/> Not Specified</div></div> <div><div>Material</div>high solids bentonite<div>Amount</div>2 Sacks<div>From</div><div>To</div>ft. 30 ft.</div> <div><div>Nearest Known Source of Contamination</div><div>70</div><div>feet</div><div>Southwes</div><div>Direction</div><div>Well disinfected upon completion?</div><div><input checked="" type="checkbox"/> Yes</div><div><input type="checkbox"/> No</div><div>Sewer Type</div></div> <div><div>Pump</div><div><input checked="" type="checkbox"/> Not Installed</div><div>Date Installed</div></div> <div><div>Manufacturer's name</div><div>Model Number</div>HP<div>Volt</div></div> <div><div>Length of drop pipe</div>ft<div>Capacity</div>g.p.<div>Typ</div></div> <div><div>Abandoned</div><div>Does property have any not in use and not sealed well(s)?</div><div><input type="checkbox"/> Yes</div><div><input checked="" type="checkbox"/> No</div></div> <div><div>Variance</div><div>Was a variance granted from the MDH for this well?</div><div><input type="checkbox"/> Yes</div><div><input checked="" type="checkbox"/> No</div></div> <div><div>Miscellaneous</div><div>First Bedrock</div><div>Aquifer</div>Quat. buried</div> <div><div>Last Strat</div>sand +larger-brown<div>Depth to Bedrock</div><div>ft</div></div> <div><div>Located by</div>Minnesota Geological Survey</div> <div><div>Locate Method</div>Digitization (Screen) - Map (1:24,000) (15 meters or</div> <div><div>System</div>UTM - NAD83, Zone 15, Meters<div>X</div>485036<div>Y</div>5016903</div> <div><div>Unique Number Verification</div><div>Input Date</div>10/03/1996</div> <div><div>Angled Drill Hole</div></div> <div><div>Well Contractor</div><div>J. D. Well Service</div>13606<div>MILTON, J. II</div></div> <div><div>Licensee Business</div>Lic. or Reg. No.<div>Name of Driller</div></div> |
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| Geological Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | From                | To (ft.) | Color    | Hardness |          |           |   |   |       |      |            |   |    |        |        |      |    |    |      |      |               |    |    |     |        |               |    |    |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| FINE SAND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0                   | 7        | BROWN    | SOFT     |          |           |   |   |       |      |            |   |    |        |        |      |    |    |      |      |               |    |    |     |        |               |    |    |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SANDY CLAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7                   | 18       | YELLOW   | MEDIUM   |          |           |   |   |       |      |            |   |    |        |        |      |    |    |      |      |               |    |    |     |        |               |    |    |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SAND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18                  | 47       | GRAY     | SOFT     |          |           |   |   |       |      |            |   |    |        |        |      |    |    |      |      |               |    |    |     |        |               |    |    |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CLAY & GRAVEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 47                  | 75       | RED      | MEDIUM   |          |           |   |   |       |      |            |   |    |        |        |      |    |    |      |      |               |    |    |     |        |               |    |    |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SAND & GRAVEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 75                  | 85       | BROWN    | SOFT     |          |           |   |   |       |      |            |   |    |        |        |      |    |    |      |      |               |    |    |     |        |               |    |    |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |