

114165

County Rice
 Quad Little
 Quad ID 72A

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

Entry Date 04/17/1988
 Update Date 02/14/2014
 Received Date

| | | | | | | | |
|--|---|--------------------|---------------------------|-----------------------------|--|-----------------------------------|--|
| Well Name POQUETTE, | Township 111 | Range 21 | Dir Section W 1 | Subsection DDADBD | Well Depth 153 ft. | Depth Completed 153 ft. | Date Well Completed 01/21/1984 |
| Elevation 1020 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | |
| Address C/W 9720 ABERDEEN TR MN | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From To | |
| Geological Material From To (ft.) Color Hardness | | | | | Casing Type Single casing | Joint Welded | |
| CLAY 0 50 BROWN SOFT | | | | | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. | |
| GRAVEL 50 73 BROWN SOFT | | | | | Casing Diameter Weight | | |
| LIMESTONE 73 153 LT. GRY HARD | | | | | 4 in. To 73 ft. lbs./ft. | | |
| | | | | | Open Hole From 73 ft. To 153 ft. | | |
| | | | | | Screen? <input type="checkbox"/> | Type Make | |
| | | | | | Static Water Level | | |
| | | | | | 25 ft. land surface Measure 01/21/1984 | | |
| | | | | | Pumping Level (below land surface) | | |
| | | | | | 25 ft. hrs. Pumping at 0 g.p.m. | | |
| | | | | | Wellhead Completion | | |
| | | | | | Pitless adapter manufacturer Model | | |
| | | | | | <input type="checkbox"/> Casing Protection <input checked="" type="checkbox"/> 12 in. above grade | | |
| | | | | | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | |
| | | | | | Material Amount From To | | |
| | | | | | bentonite 0 0 ft. 73 ft. | | |
| | | | | | Nearest Known Source of Contamination | | |
| | | | | | 100 feet East Direction Septic tank/drain field Type | | |
| | | | | | Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed | | |
| | | | | | Manufacturer's name BARNES | | |
| | | | | | Model Number 15GRM HP 1 Volt 230 | | |
| | | | | | Length of drop pipe 50 ft Capacity 30 g.p. Typ Submersible | | |
| | | | | | Abandoned | | |
| | | | | | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance | | |
| | | | | | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous | | |
| | | | | | First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien | | |
| | | | | | Last Strat Prairie Du Chien Group Depth to Bedrock 73 ft | | |
| | | | | | Located by Minnesota Geological Survey | | |
| | | | | | Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) | | |
| | | | | | System UTM - NAD83, Zone 15, Meters X 477519 Y 4921389 | | |
| | | | | | Unique Number Verification Information from Input Date 01/01/1990 | | |
| | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor | | |
| | | | | | Kaderlik Well Co. 66105 | | |
| | | | | | Licensee Business Lic. or Reg. No. Name of Driller | | |

119719County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
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Update Date 02/14/2014
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| | | | | | | | |
|--|--|---|----------------------------|-----------------------------|--|-----------------------------------|--|
| Well Name JOHN JOHNSON | Township 112 | Range 21 | Dir Section W 35 | Subsection DDDCDB | Well Depth 140 ft. | Depth Completed 140 ft. | Date Well Completed 12/17/1979 |
| Elevation 1050 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | Drill Method Non-specified Rotary | | Drill Fluid | | | |
| Address C/W 2085 90TH ST W NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From | To |
| Geological Material | From | To (ft.) | Color | Hardness | Casing Type Single casing Joint Threaded | | |
| SANDY CLAY | 0 | 25 | BROWN | SOFT | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | |
| SANDY CLAY | 25 | 95 | GRAY | SOFT | Above/Below 1 ft. | | |
| CLAY, GRAVEL & BROKEN LIMESTONE | 95 | 113 | GRAY | HARD | Casing Diameter 4 in. To 120 ft. lbs./ft. | | |
| BROKEN LIMESTONE | 113 | 120 | BROWN | MEDIUM | Open Hole From 120 ft. To 140 ft. | | |
| LIMESTONE | 120 | 140 | BROWN | HARD | Screen? <input type="checkbox"/> Type Make | | |
| | | | | | Static Water Level 60 ft. land surface Measure 12/17/1979 | | |
| | | | | | Pumping Level (below land surface) 61 ft. hrs. Pumping at 0 g.p.m. | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified Material Amount From To bentonite 0 0 ft. 120 ft. | | |
| | | | | | Nearest Known Source of Contamination 100 feet Southwes Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 12/17/1979 Manufacturer's name FLINT & WALLING Model Number BA HP 0.5 Volt 220 Length of drop pipe 87 ft Capacity g.p. Typ Submersible | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 113 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 475841 Y 4922752 Unique Number Verification Other, note in Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 KING, R Licensee Business Lic. or Reg. No. Name of Driller | | |

178510

County Rice
 Quad Little
 Quad ID 72A

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| | | | | | | | |
|---|--|--------------------|---------------------------|-----------------------------|---|-----------------------------------|--|
| Well Name JOHNSON, JOHN | Township 111 | Range 21 | Dir Section W 2 | Subsection AAAABC | Well Depth 140 ft. | Depth Completed 140 ft. | Date Well Completed 12/16/1980 |
| Elevation 1042 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | |
| Address C/W 9021 BAKER AV S NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From | To |
| Geological Material | From | To (ft.) | Color | Hardness | Casing Type Single casing | Joint Threaded | |
| CLAY | 0 | 80 | BLUE | SOFT | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. | |
| CLAY & GRAVEL | 80 | 110 | BLUE | MEDIUM | Casing Diameter 4 in. | Weight 120 ft. lbs./ft. | Hole Diameter 6 in. To 115 ft. 4 in. To 140 ft. |
| BROKEN UP | 110 | 140 | YELLOW | MEDIUM | Open Hole From 120 ft. To 140 ft. | | |
| | | | | | Screen? <input type="checkbox"/> | Type | Make |
| | | | | | Static Water Level 60 ft. land surface Measure 12/02/1980 | | |
| | | | | | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | |
| | | | | | Material | Amount | From To |
| | | | | | bentonite | 0 | 0 ft. 115 ft. |
| | | | | | Nearest Known Source of Contamination 80 feet West Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 12/16/1980 | | |
| | | | | | Manufacturer's name | FLINT & WALLING | |
| | | | | | Model Number | BA | HP 0.5 Volt 220 |
| | | | | | Length of drop pipe | 93 ft | Capacity 10 g.p. Typ Submersible |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 110 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 475882 Y 4922661 Unique Number Verification Name on mailbox Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann, Donald 40175 SCHANUS, DAN Licensee Business Lic. or Reg. No. Name of Driller | | |

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|--|--|------------------------------|---|--------------------|-------------------|--------------|-----|----|------|--------|------------------|------|---------------------|---|--|----------------|--|--|--|--|-----|---------------|--|--|--|---------------------------------|--|--|--|--|---------------------|------|----------|-------|----------|------|---|----|--------|--------|------|----|----|------|--------|------|----|-----|-------|--------|----------|-----|-----|-------|------|-----------|-----|-----|------|------|----------|-----|-----|-------|--------|--|-------------------|------------------------|----------------------------|---------|---------|------------|---------------------|----------------------|--------------------|------------|----------|---------------|--|--|--------|-----------------------------|--|-------------|--|--|-----------|--------------------|---------------|--------------|--|--|--------|--------------------|---|--------------------|--|--|-------|------------------------|---------------|----------------------|----------|------------------|----------|--|--|----------|--|--|---------|------------------|--------------|------------|----------------|--------------------------|-------------|--|--|-------------|---------------------------|---------------------|--------------------|---|--|--|----------------------------|--|--|------------------------------|---------|-------|--|---|--|--|--|--|-----------------------------|--|--|----------|--------|---------|----------|---|-----------|-----------|---|---------------|--|--|--|---------|-----------------|------------------------------|-----------------------------------|--|--|-------------|---|----------------|---------------------|--|--|--------------|-------------|------|---------------------|-------------|----------|------------------|--|--|--|--|--|-----------------|--|--|---|--|--|----------------------|--|--|---------------|---------------------|--------------------------|------------|------------------------|-------------------------|--|--|--|---------------|--|--|--------|------------------------------|--------------------|----------------------------|------------------|-----------------------|--------------------------|--|--|------------------------|--|--|-------------------|-------|---------------|-------------------|------------------|-----------------|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Well Name</td> <td>Township</td> <td>Range</td> <td>Dir Section</td> <td>Subsection</td> </tr> <tr> <td>SHERMAN, BEN</td> <td>112</td> <td>21</td> <td>W 36</td> <td>DCDBDA</td> </tr> <tr> <td>Elevation</td> <td>1031</td> <td>Elev. Method</td> <td colspan="2">7.5 minute topographic map (+/- 5 feet)</td> </tr> <tr> <td colspan="5">Address</td> </tr> <tr> <td>C/W</td> <td colspan="4">NORTHFIELD MN</td> </tr> <tr> <td colspan="5">Stratigraphy Information</td> </tr> <tr> <td>Geological Material</td> <td>From</td> <td>To (ft.)</td> <td>Color</td> <td>Hardness</td> </tr> <tr> <td>CLAY</td> <td>0</td> <td>20</td> <td>YELLOW</td> <td>MEDIUM</td> </tr> <tr> <td>CLAY</td> <td>20</td> <td>60</td> <td>BLUE</td> <td>MEDIUM</td> </tr> <tr> <td>SAND</td> <td>60</td> <td>107</td> <td>BROWN</td> <td>MEDIUM</td> </tr> <tr> <td>SANDROCK</td> <td>107</td> <td>178</td> <td>WHITE</td> <td>SOFT</td> </tr> <tr> <td>LIMESTONE</td> <td>178</td> <td>190</td> <td>GRAY</td> <td>HARD</td> </tr> <tr> <td>SANDROCK</td> <td>190</td> <td>195</td> <td>WHITE</td> <td>MEDIUM</td> </tr> </table> | Well Name | Township | Range | Dir Section | Subsection | SHERMAN, BEN | 112 | 21 | W 36 | DCDBDA | Elevation | 1031 | Elev. Method | 7.5 minute topographic map (+/- 5 feet) | | Address | | | | | C/W | NORTHFIELD MN | | | | Stratigraphy Information | | | | | Geological Material | From | To (ft.) | Color | Hardness | CLAY | 0 | 20 | YELLOW | MEDIUM | CLAY | 20 | 60 | BLUE | MEDIUM | SAND | 60 | 107 | BROWN | MEDIUM | SANDROCK | 107 | 178 | WHITE | SOFT | LIMESTONE | 178 | 190 | GRAY | HARD | SANDROCK | 190 | 195 | WHITE | MEDIUM | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Well Depth</td> <td>Depth Completed</td> <td>Date Well Completed</td> </tr> <tr> <td>195 ft.</td> <td>195 ft.</td> <td>08/08/1983</td> </tr> <tr> <td>Drill Method</td> <td>Non-specified Rotary</td> <td>Drill Fluid</td> </tr> <tr> <td>Use</td> <td>domestic</td> <td>Status</td> </tr> <tr> <td></td> <td></td> <td>Active</td> </tr> <tr> <td>Well Hydrofractured?</td> <td>Yes <input type="checkbox"/> No <input type="checkbox"/></td> <td>From</td> </tr> <tr> <td></td> <td></td> <td>To</td> </tr> <tr> <td>Casing Type</td> <td>Single casing</td> <td>Joint</td> </tr> <tr> <td></td> <td></td> <td>Welded</td> </tr> <tr> <td>Drive Shoe?</td> <td>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <td>Above/Below</td> </tr> <tr> <td></td> <td></td> <td>1 ft.</td> </tr> <tr> <td>Casing Diameter</td> <td>Weight</td> <td>Hole Diameter</td> </tr> <tr> <td>4 in. To</td> <td>178 ft. lbs./ft.</td> <td>6 in. To</td> </tr> <tr> <td></td> <td></td> <td>4 in. To</td> </tr> <tr> <td></td> <td></td> <td>195 ft.</td> </tr> <tr> <td>Open Hole</td> <td>From 178 ft.</td> <td>To 195 ft.</td> </tr> <tr> <td>Screen?</td> <td><input type="checkbox"/></td> <td>Type</td> </tr> <tr> <td></td> <td></td> <td>Make</td> </tr> <tr> <td>Static Water Level</td> <td>35 ft. land surface</td> <td>Measure 08/08/1983</td> </tr> <tr> <td colspan="3">Pumping Level (below land surface)</td> </tr> <tr> <td colspan="3">Wellhead Completion</td> </tr> <tr> <td>Pitless adapter manufacturer</td> <td>MONITOR</td> <td>Model</td> </tr> <tr> <td><input type="checkbox"/> Casing Protection</td> <td><input type="checkbox"/> 12 in. above grade</td> <td></td> </tr> <tr> <td><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)</td> <td></td> <td></td> </tr> <tr> <td>Grouting Information</td> <td>Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified</td> <td></td> </tr> <tr> <td>Material</td> <td>Amount</td> <td>From To</td> </tr> <tr> <td>cuttings</td> <td>0</td> <td>0 ft. ft.</td> </tr> <tr> <td>bentonite</td> <td>0</td> <td>0 ft. 178 ft.</td> </tr> <tr> <td colspan="3">Nearest Known Source of Contamination</td> </tr> <tr> <td>75 feet</td> <td>South Direction</td> <td>Septic tank/drain field Type</td> </tr> <tr> <td>Well disinfected upon completion?</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td></td> </tr> <tr> <td>Pump</td> <td><input checked="" type="checkbox"/> Not Installed</td> <td>Date Installed</td> </tr> <tr> <td colspan="3">Manufacturer's name</td> </tr> <tr> <td>Model Number</td> <td>HP <u>0</u></td> <td>Volt</td> </tr> <tr> <td>Length of drop pipe</td> <td>ft Capacity</td> <td>g.p. Typ</td> </tr> <tr> <td colspan="3">Abandoned</td> </tr> <tr> <td colspan="3">Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">Variance</td> </tr> <tr> <td colspan="3">Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">Miscellaneous</td> </tr> <tr> <td>First Bedrock</td> <td>St. Peter Sandstone</td> <td>Aquifer Prairie Du Chien</td> </tr> <tr> <td>Last Strat</td> <td>Prairie Du Chien Group</td> <td>Depth to Bedrock 107 ft</td> </tr> <tr> <td colspan="3">Located by Minnesota Geological Survey</td> </tr> <tr> <td>Locate Method</td> <td colspan="2">Digitization (Screen) - Map (1:24,000) (15 meters or</td> </tr> <tr> <td>System</td> <td>UTM - NAD83, Zone 15, Meters</td> <td>X 477076 Y 4922852</td> </tr> <tr> <td>Unique Number Verification</td> <td>Information from</td> <td>Input Date 06/02/2000</td> </tr> <tr> <td colspan="3">Angled Drill Hole</td> </tr> <tr> <td colspan="3">Well Contractor</td> </tr> <tr> <td>Hartmann Well Co.</td> <td>40174</td> <td>JAECHELS, RAY</td> </tr> <tr> <td>Licensee Business</td> <td>Lic. or Reg. No.</td> <td>Name of Driller</td> </tr> </table> | Well Depth | Depth Completed | Date Well Completed | 195 ft. | 195 ft. | 08/08/1983 | Drill Method | Non-specified Rotary | Drill Fluid | Use | domestic | Status | | | Active | Well Hydrofractured? | Yes <input type="checkbox"/> No <input type="checkbox"/> | From | | | To | Casing Type | Single casing | Joint | | | Welded | Drive Shoe? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below | | | 1 ft. | Casing Diameter | Weight | Hole Diameter | 4 in. To | 178 ft. lbs./ft. | 6 in. To | | | 4 in. To | | | 195 ft. | Open Hole | From 178 ft. | To 195 ft. | Screen? | <input type="checkbox"/> | Type | | | Make | Static Water Level | 35 ft. land surface | Measure 08/08/1983 | Pumping Level (below land surface) | | | Wellhead Completion | | | Pitless adapter manufacturer | MONITOR | Model | <input type="checkbox"/> Casing Protection | <input type="checkbox"/> 12 in. above grade | | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | | Grouting Information | Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | Material | Amount | From To | cuttings | 0 | 0 ft. ft. | bentonite | 0 | 0 ft. 178 ft. | Nearest Known Source of Contamination | | | 75 feet | South Direction | Septic tank/drain field Type | Well disinfected upon completion? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | Pump | <input checked="" type="checkbox"/> Not Installed | Date Installed | Manufacturer's name | | | Model Number | HP <u>0</u> | Volt | Length of drop pipe | ft Capacity | g.p. Typ | Abandoned | | | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | Variance | | | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | Miscellaneous | | | First Bedrock | St. Peter Sandstone | Aquifer Prairie Du Chien | Last Strat | Prairie Du Chien Group | Depth to Bedrock 107 ft | Located by Minnesota Geological Survey | | | Locate Method | Digitization (Screen) - Map (1:24,000) (15 meters or | | System | UTM - NAD83, Zone 15, Meters | X 477076 Y 4922852 | Unique Number Verification | Information from | Input Date 06/02/2000 | Angled Drill Hole | | | Well Contractor | | | Hartmann Well Co. | 40174 | JAECHELS, RAY | Licensee Business | Lic. or Reg. No. | Name of Driller |
| Well Name | Township | Range | Dir Section | Subsection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHERMAN, BEN | 112 | 21 | W 36 | DCDBDA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elevation | 1031 | Elev. Method | 7.5 minute topographic map (+/- 5 feet) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C/W | NORTHFIELD MN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stratigraphy Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Drill Method | Non-specified Rotary | Drill Fluid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Well Hydrofractured? | Yes <input type="checkbox"/> No <input type="checkbox"/> | From | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Drive Shoe? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Casing Diameter | Weight | Hole Diameter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Open Hole | From 178 ft. | To 195 ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Static Water Level | 35 ft. land surface | Measure 08/08/1983 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grouting Information | Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material | Amount | From To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| cuttings | 0 | 0 ft. ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bentonite | 0 | 0 ft. 178 ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nearest Known Source of Contamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 feet | South Direction | Septic tank/drain field Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well disinfected upon completion? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump | <input checked="" type="checkbox"/> Not Installed | Date Installed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturer's name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Model Number | HP <u>0</u> | Volt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Length of drop pipe | ft Capacity | g.p. Typ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abandoned | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Variance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Bedrock | St. Peter Sandstone | Aquifer Prairie Du Chien | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last Strat | Prairie Du Chien Group | Depth to Bedrock 107 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Located by Minnesota Geological Survey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locate Method | Digitization (Screen) - Map (1:24,000) (15 meters or | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| System | UTM - NAD83, Zone 15, Meters | X 477076 Y 4922852 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unique Number Verification | Information from | Input Date 06/02/2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angled Drill Hole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well Contractor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hartmann Well Co. | 40174 | JAECHELS, RAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Licensee Business | Lic. or Reg. No. | Name of Driller | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Remarks
 PALOMINO WOODS

217775

County Rice
 Quad Little
 Quad ID 72A

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

Entry Date 04/17/1988
 Update Date 02/14/2014
 Received Date

| | | | | | | | |
|--|--|---------------------|----------------------------|-----------------------------|--|-----------------------------------|--|
| Well Name BARTA, LOREN | Township 111 | Range 20 | Dir Section W 18 | Subsection CBBBBD | Well Depth 152 ft. | Depth Completed 152 ft. | Date Well Completed 07/02/1974 |
| Elevation 1039 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | Drill Method | | Drill Fluid | | | |
| Address | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> From To | | |
| Geological Material From To (ft.) Color Hardness | | | | | Casing Type Single casing <input type="checkbox"/> Joint <input type="checkbox"/> | | |
| DRIFT 0 125 | | | | | Drive Shoe? Yes <input type="checkbox"/> No <input type="checkbox"/> Above/Below 0 ft. | | |
| LIMESTONE 125 152 | | | | | Casing Diameter Weight | | |
| | | | | | 4 in. To 128 ft. lbs./ft. | | |
| | | | | | Open Hole From 128 ft. To 152 ft. | | |
| | | | | | Screen? <input type="checkbox"/> Type Make | | |
| | | | | | Static Water Level | | |
| | | | | | 84 ft. land surface Measure 07/21/1974 | | |
| | | | | | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion | | |
| | | | | | Pitless adapter manufacturer Model | | |
| | | | | | <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade | | |
| | | | | | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Specified | | |
| | | | | | Nearest Known Source of Contamination | | |
| | | | | | feet Direction Type | | |
| | | | | | Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed | | |
| | | | | | Manufacturer's name | | |
| | | | | | Model Number HP 0.75 Volt | | |
| | | | | | Length of drop pipe ft Capacity g.p. Typ | | |
| | | | | | Abandoned | | |
| | | | | | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance | | |
| | | | | | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous | | |
| | | | | | First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien | | |
| | | | | | Last Strat Prairie Du Chien Group Depth to Bedrock 125 ft | | |
| | | | | | Located by Minnesota Geological Survey | | |
| | | | | | Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) | | |
| | | | | | System UTM - NAD83, Zone 15, Meters X 477617 Y 4918673 | | |
| | | | | | Unique Number Verification Plat Book Input Date 01/01/1990 | | |
| | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor | | |
| | | | | | Licensee Business Lic. or Reg. No. Name of Driller | | |

236871

County Rice
 Quad Little
 Quad ID 72A

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

Entry Date 01/04/1991
 Update Date 02/14/2014
 Received Date

| | | | | | | | |
|---|--|--------------------|----------------------------|-----------------------------|---|-----------------------------------|--|
| Well Name TENNEEY, DON | Township 112 | Range 21 | Dir Section W 35 | Subsection CDDCBA | Well Depth 190 ft. | Depth Completed 190 ft. | Date Well Completed 10/19/1978 |
| Elevation 1061 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | |
| Address C/W 2680 89TH CT W MN | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From | To |
| Geological Material | From | To (ft.) | Color | Hardness | Casing Type Single casing <input type="checkbox"/> Joint <input type="checkbox"/> | | |
| NO RECORD | 0 | 143 | | | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | |
| SAND | 143 | 145 | | | Above/Below 1 ft. | | |
| CLAY | 145 | 158 | RED | | Casing Diameter 4 in. To 166 ft. lbs./ft. | | |
| LIMESTONE | 158 | 166 | | | Open Hole From 166 ft. To 190 ft. | | |
| SANDROCK | 166 | 188 | | SOFT | Screen? <input type="checkbox"/> Type | | |
| LIMESTONE | 188 | 190 | | HARD | Make | | |
| | | | | | Static Water Level 79 ft. land surface Measure 10/19/1978 | | |
| | | | | | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | |
| | | | | | Material Amount From To cuttings 0 0 ft. 158 ft. | | |
| | | | | | Nearest Known Source of Contamination 50 feet East Direction Tanks Type | | |
| | | | | | Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed | | |
| | | | | | Manufacturer's name | | |
| | | | | | Model Number HP 0 Volt | | |
| | | | | | Length of drop pipe ft Capacity g.p. Typ | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 158 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 475028 Y 4922809 Unique Number Verification Information from Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Licensee Business Lic. or Reg. No. Name of Driller | | |

404677County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 04/17/1988
Update Date 02/14/2014
Received Date

| | | | | | | | |
|--|--|--------------------|---------------------------|-----------------------------|---|-----------------------------------|--|
| Well Name ZALUSKY, BILL | Township 111 | Range 21 | Dir Section W 2 | Subsection AAABCB | Well Depth 150 ft. | Depth Completed 150 ft. | Date Well Completed 07/03/1984 |
| Elevation 1043 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | |
| Address C/W 9028 BAKER AV S MN | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From | To |
| Geological Material | From | To (ft.) | Color | Hardness | Casing Type Single casing | Joint Threaded | |
| CLAY | 0 | 38 | YELLOW | SOFT | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. | |
| CLAY | 38 | 80 | BLUE | MEDIUM | Casing Diameter 4 in. | Weight 132 ft. lbs./ft. | Hole Diameter 6 in. To 132 ft. 4 in. To 150 ft. |
| SAND | 80 | 90 | BROWN | SOFT | Open Hole From 132 ft. To 150 ft. | | |
| SAND | 90 | 132 | BROWN | MED-HRD | Screen? <input type="checkbox"/> | Type | Make |
| BROKEN LIMESTONE | 132 | 134 | BROWN | MEDIUM | Static Water Level 58 ft. land surface Measure 07/03/1984 | | |
| LIMESTONE | 134 | 150 | BROWN | V.HARD | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified Material Amount From To cuttings 0 0 ft. 132 ft. | | |
| | | | | | Nearest Known Source of Contamination 50 feet Southwes Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 07/17/1984 Manufacturer's name FLINT & WALLING Model Number BA HP 0.5 Volt 220 Length of drop pipe 93 ft Capacity 10 g.p. Typ Submersible | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 132 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 475789 Y 4922654 Unique Number Verification Name on mailbox Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 HARTMANN, R Licensee Business Lic. or Reg. No. Name of Driller | | |
| Minnesota Well Index Report | | | | | 404677 | | Printed on 01/23/2019 HE-01205-15 |

432882

County Rice
 Quad Little
 Quad ID 72A

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

Entry Date 03/31/1992
 Update Date 06/02/2014
 Received Date

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Well Name</td> <td style="width:15%;">Township</td> <td style="width:10%;">Range</td> <td style="width:10%;">Dir Section</td> <td style="width:10%;">Subsection</td> <td colspan="5"></td> </tr> <tr> <td>DEBOER,</td> <td>112</td> <td>21</td> <td>W 36</td> <td>DDBCAA</td> <td colspan="5"></td> </tr> <tr> <td>Elevation</td> <td>1020</td> <td>Elev. Method</td> <td colspan="7">7.5 minute topographic map (+/- 5 feet)</td> </tr> <tr> <td colspan="10">Address</td> </tr> <tr> <td colspan="10">C/W 8761 ABERDEEN TR NORTHFIELD MN 55057</td> </tr> <tr> <td colspan="10">Stratigraphy Information</td> </tr> <tr> <td colspan="2">Geological Material</td> <td>From</td> <td>To (ft.)</td> <td>Color</td> <td>Hardness</td> <td colspan="4"></td> </tr> <tr> <td colspan="2">CLAY & SAND</td> <td>0</td> <td>112</td> <td>BLUE</td> <td>SOFT</td> <td colspan="4"></td> </tr> <tr> <td colspan="2">LIMESTONE</td> <td>112</td> <td>160</td> <td>YELLOW</td> <td>HARD</td> <td colspan="4"></td> </tr> </table> | Well Name | Township | Range | Dir Section | Subsection | | | | | | DEBOER, | 112 | 21 | W 36 | DDBCAA | | | | | | Elevation | 1020 | Elev. Method | 7.5 minute topographic map (+/- 5 feet) | | | | | | | Address | | | | | | | | | | C/W 8761 ABERDEEN TR NORTHFIELD MN 55057 | | | | | | | | | | Stratigraphy Information | | | | | | | | | | Geological Material | | From | To (ft.) | Color | Hardness | | | | | CLAY & SAND | | 0 | 112 | BLUE | SOFT | | | | | LIMESTONE | | 112 | 160 | YELLOW | HARD | | | | | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">Well Depth</td> <td style="width:20%;">Depth Completed</td> <td colspan="3">Date Well Completed</td> </tr> <tr> <td>160 ft.</td> <td>160 ft.</td> <td colspan="3">11/12/1985</td> </tr> <tr> <td>Drill Method</td> <td>Non-specified Rotary</td> <td>Drill Fluid</td> <td colspan="2">Bentonite</td> </tr> <tr> <td>Use</td> <td>domestic</td> <td>Status</td> <td colspan="2">Active</td> </tr> <tr> <td>Well Hydrofractured?</td> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> <td>From</td> <td>To</td> </tr> <tr> <td>Casing Type</td> <td>Single casing</td> <td colspan="3">Joint</td> </tr> <tr> <td>Drive Shoe?</td> <td>Yes <input checked="" type="checkbox"/></td> <td>No <input type="checkbox"/></td> <td>Above/Below</td> <td>1 ft.</td> </tr> <tr> <td>Casing Diameter</td> <td>Weight</td> <td colspan="3">Hole Diameter</td> </tr> <tr> <td>4 in. To</td> <td>112 ft. lbs./ft.</td> <td colspan="3">4 in. To 160 ft.</td> </tr> <tr> <td>Open Hole</td> <td>From 112 ft.</td> <td>To 160 ft.</td> <td colspan="2"></td> </tr> <tr> <td>Screen? <input type="checkbox"/></td> <td>Type</td> <td colspan="3">Make</td> </tr> <tr> <td colspan="5">Static Water Level</td> </tr> <tr> <td>60 ft.</td> <td>land surface</td> <td>Measure</td> <td colspan="2">11/12/1985</td> </tr> <tr> <td colspan="5">Pumping Level (below land surface)</td> </tr> <tr> <td colspan="5">Wellhead Completion</td> </tr> <tr> <td colspan="2">Pitless adapter manufacturer</td> <td colspan="3">Model</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Casing Protection</td> <td><input type="checkbox"/></td> <td colspan="2">12 in. above grade</td> </tr> <tr> <td><input type="checkbox"/></td> <td colspan="4">At-grade (Environmental Wells and Borings ONLY)</td> </tr> <tr> <td>Grouting Information</td> <td>Well Grouted?</td> <td><input type="checkbox"/></td> <td>Yes <input checked="" type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> <tr> <td colspan="5">Nearest Known Source of Contamination</td> </tr> <tr> <td>75 feet</td> <td>South Direction</td> <td colspan="3">Septic tank/drain field Type</td> </tr> <tr> <td colspan="2">Well disinfected upon completion?</td> <td><input type="checkbox"/></td> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> <tr> <td>Pump <input type="checkbox"/></td> <td>Not Installed</td> <td colspan="3">Date Installed</td> </tr> <tr> <td colspan="2">Manufacturer's name</td> <td colspan="3">STA-RITE</td> </tr> <tr> <td>Model Number</td> <td>HP</td> <td>Q</td> <td colspan="2">Volt</td> </tr> <tr> <td>Length of drop pipe</td> <td>ft</td> <td>Capacity</td> <td>g.p.</td> <td>Typ Submersible</td> </tr> <tr> <td colspan="5">Abandoned</td> </tr> <tr> <td colspan="4">Does property have any not in use and not sealed well(s)?</td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="5">Variance</td> </tr> <tr> <td colspan="4">Was a variance granted from the MDH for this well?</td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="5">Miscellaneous</td> </tr> <tr> <td>First Bedrock</td> <td>Prairie Du Chien Group</td> <td>Aquifer</td> <td colspan="2">Prairie Du Chien</td> </tr> <tr> <td>Last Strat</td> <td>Prairie Du Chien Group</td> <td>Depth to Bedrock</td> <td>112</td> <td>ft</td> </tr> <tr> <td colspan="5">Located by Minnesota Geological Survey</td> </tr> <tr> <td colspan="5">Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)</td> </tr> <tr> <td>System</td> <td>UTM - NAD83, Zone 15, Meters</td> <td>X</td> <td>477284</td> <td>Y 4923005</td> </tr> <tr> <td>Unique Number Verification</td> <td>Address verification</td> <td>Input Date</td> <td colspan="2">01/01/1990</td> </tr> <tr> <td colspan="5">Angled Drill Hole</td> </tr> <tr> <td colspan="5">Well Contractor</td> </tr> <tr> <td colspan="2">Kaderlik Well Co.</td> <td>66105</td> <td colspan="2">KADERLIK, C.</td> </tr> <tr> <td colspan="2">Licensee Business</td> <td>Lic. or Reg. No.</td> <td colspan="2">Name of Driller</td> </tr> </table> | Well Depth | Depth Completed | Date Well Completed | | | 160 ft. | 160 ft. | 11/12/1985 | | | Drill Method | Non-specified Rotary | Drill Fluid | Bentonite | | Use | domestic | Status | Active | | Well Hydrofractured? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | From | To | Casing Type | Single casing | Joint | | | Drive Shoe? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Above/Below | 1 ft. | Casing Diameter | Weight | Hole Diameter | | | 4 in. To | 112 ft. lbs./ft. | 4 in. To 160 ft. | | | Open Hole | From 112 ft. | To 160 ft. | | | Screen? <input type="checkbox"/> | Type | Make | | | Static Water Level | | | | | 60 ft. | land surface | Measure | 11/12/1985 | | Pumping Level (below land surface) | | | | | Wellhead Completion | | | | | Pitless adapter manufacturer | | Model | | | <input type="checkbox"/> | Casing Protection | <input type="checkbox"/> | 12 in. above grade | | <input type="checkbox"/> | At-grade (Environmental Wells and Borings ONLY) | | | | Grouting Information | Well Grouted? | <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Nearest Known Source of Contamination | | | | | 75 feet | South Direction | Septic tank/drain field Type | | | Well disinfected upon completion? | | <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Pump <input type="checkbox"/> | Not Installed | Date Installed | | | Manufacturer's name | | STA-RITE | | | Model Number | HP | Q | Volt | | Length of drop pipe | ft | Capacity | g.p. | Typ Submersible | Abandoned | | | | | Does property have any not in use and not sealed well(s)? | | | | <input type="checkbox"/> | Variance | | | | | Was a variance granted from the MDH for this well? | | | | <input type="checkbox"/> | Miscellaneous | | | | | First Bedrock | Prairie Du Chien Group | Aquifer | Prairie Du Chien | | Last Strat | Prairie Du Chien Group | Depth to Bedrock | 112 | ft | Located by Minnesota Geological Survey | | | | | Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) | | | | | System | UTM - NAD83, Zone 15, Meters | X | 477284 | Y 4923005 | Unique Number Verification | Address verification | Input Date | 01/01/1990 | | Angled Drill Hole | | | | | Well Contractor | | | | | Kaderlik Well Co. | | 66105 | KADERLIK, C. | | Licensee Business | | Lic. or Reg. No. | Name of Driller | |
| Well Name | Township | Range | Dir Section | Subsection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEBOER, | 112 | 21 | W 36 | DDBCAA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elevation | 1020 | Elev. Method | 7.5 minute topographic map (+/- 5 feet) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C/W 8761 ABERDEEN TR NORTHFIELD MN 55057 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stratigraphy Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Geological Material | | From | To (ft.) | Color | Hardness | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAY & SAND | | 0 | 112 | BLUE | SOFT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMESTONE | | 112 | 160 | YELLOW | HARD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 160 ft. | 160 ft. | 11/12/1985 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drill Method | Non-specified Rotary | Drill Fluid | Bentonite | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Use | domestic | Status | Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well Hydrofractured? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Drive Shoe? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Above/Below | 1 ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Screen? <input type="checkbox"/> | Type | Make | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Static Water Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 ft. | land surface | Measure | 11/12/1985 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pumping Level (below land surface) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wellhead Completion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pitless adapter manufacturer | | Model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | Casing Protection | <input type="checkbox"/> | 12 in. above grade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Grouting Information | Well Grouted? | <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nearest Known Source of Contamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 feet | South Direction | Septic tank/drain field Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well disinfected upon completion? | | <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump <input type="checkbox"/> | Not Installed | Date Installed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturer's name | | STA-RITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Model Number | HP | Q | Volt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Length of drop pipe | ft | Capacity | g.p. | Typ Submersible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abandoned | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Does property have any not in use and not sealed well(s)? | | | | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Variance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Was a variance granted from the MDH for this well? | | | | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Bedrock | Prairie Du Chien Group | Aquifer | Prairie Du Chien | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last Strat | Prairie Du Chien Group | Depth to Bedrock | 112 | ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Located by Minnesota Geological Survey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| System | UTM - NAD83, Zone 15, Meters | X | 477284 | Y 4923005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unique Number Verification | Address verification | Input Date | 01/01/1990 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angled Drill Hole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well Contractor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kaderlik Well Co. | | 66105 | KADERLIK, C. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Licensee Business | | Lic. or Reg. No. | Name of Driller | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

434073County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 05/09/1991
Update Date 02/14/2014
Received Date

| | | | | | | | |
|--|--|---|---------------------------|-----------------------------|---|-----------------------------------|--|
| Well Name LIEBELT, GREG | Township 111 | Range 21 | Dir Section W 2 | Subsection AAAAAC | Well Depth 135 ft. | Depth Completed 135 ft. | Date Well Completed 06/11/1987 |
| Elevation 1042 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | Drill Method Non-specified Rotary | | Drill Fluid | | | |
| Address C/W 2051 90TH ST E NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> From To | | |
| Geological Material From To (ft.) Color Hardness | | | | | Casing Type Single casing Joint Threaded | | |
| CLAY 0 87 BLUE SOFT | | | | | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Above/Below 1 ft. | | |
| SAND 87 93 BROWN MEDIUM | | | | | Casing Diameter Weight Hole Diameter | | |
| SAND & CLAY LAYERS 93 112 BROWN MEDIUM | | | | | 4 in. To 117 ft. lbs./ft. 6 in. To 117 ft. | | |
| BROKEN LIMESTONE 112 135 BROWN HARD | | | | | 4 in. To 135 ft. | | |
| | | | | | Open Hole From 117 ft. To 135 ft. | | |
| | | | | | Screen? <input type="checkbox"/> Type Make | | |
| | | | | | Static Water Level 64 ft. land surface Measure 06/11/1987 | | |
| | | | | | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | |
| | | | | | Material Amount From To cuttings 0 0 ft. 117 ft. | | |
| | | | | | Nearest Known Source of Contamination 105 feet South Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 06/18/1987 Manufacturer's name AERMOTOR Model Number A12-75 HP 0.75 Volt 220 Length of drop pipe 93 ft Capacity 12 g.p. Typ Submersible | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 112 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 475944 Y 4922670 Unique Number Verification Name on mailbox Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 JAECKELS, R Licensee Business Lic. or Reg. No. Name of Driller | | |

436435County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 01/03/1990
Update Date 02/14/2014
Received Date

| | | | | | | | |
|---|--|--------------------|---------------------------|-----------------------------|---|-----------------------------------|--|
| Well Name KNUTSON, | Township 111 | Range 21 | Dir Section W 2 | Subsection AAACBC | Well Depth 120 ft. | Depth Completed 120 ft. | Date Well Completed 09/23/1987 |
| Elevation 1030 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | |
| Address C/W 9053 BAKER AV NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From | To |
| Geological Material | From | To (ft.) | Color | Hardness | Casing Type Single casing | Joint Threaded | |
| CLAY | 0 | 60 | BLUE | MEDIUM | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. | |
| SAND | 60 | 63 | BROWN | MEDIUM | Casing Diameter 5 in. | Weight 104 ft. lbs./ft. | Hole Diameter 7 in. To 104 ft. 5 in. To 120 ft. |
| CLAY | 63 | 82 | BLUE | MEDIUM | Open Hole From 104 ft. To 120 ft. | | |
| SAND & ROCKS | 82 | 100 | BROWN | HARD | Screen? <input type="checkbox"/> | Type | Make |
| LIMESTONE | 100 | 104 | WHITE | HARD | Static Water Level 48 ft. land surface Measure 09/23/1987 | | |
| LIMESTONE | 104 | 120 | BROWN | MEDIUM | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified Material Amount From To cuttings 0 0 ft. 104 ft. | | |
| | | | | | Nearest Known Source of Contamination 100 feet East Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 09/29/1987 Manufacturer's name FLINT & WALLING Model Number BA HP 0.75 Volt 220 Length of drop pipe 75 ft Capacity 10 g.p. Typ Submersible | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 100 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 475793 Y 4922577 Unique Number Verification Name on mailbox Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 PETERSON, D Licensee Business Lic. or Reg. No. Name of Driller | | |
| Minnesota Well Index Report | | | | | 436435 | | Printed on 01/23/2019 HE-01205-15 |

436474

County Rice
 Quad Little
 Quad ID 72A

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

Entry Date 01/03/1990
 Update Date 02/14/2014
 Received Date

| | | | | | | | |
|---|--|--------------------|---------------------------|-----------------------------|---|-----------------------------------|--|
| Well Name BERG, ROBERT | Township 111 | Range 21 | Dir Section W 2 | Subsection AAADBC | Well Depth 152 ft. | Depth Completed 152 ft. | Date Well Completed 11/25/1987 |
| Elevation 1040 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid Bentonite | |
| Address C/W 9050 BAKER AV NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From To | |
| Geological Material From To (ft.) Color Hardness | | | | | Casing Type Single casing | Joint Threaded | |
| CLAY 0 13 YELLOW SOFT | | | | | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. | |
| CLAY 13 85 BLUE SOFT | | | | | Casing Diameter 4 in. To 114 ft. lbs./ft. | | |
| SOAPSTONE 85 91 BROWN MEDIUM | | | | | Hole Diameter 6 in. To 114 ft. | | |
| LIMESTONE & 91 152 BROWN HARD | | | | | 4 in. To 152 ft. | | |
| | | | | | Open Hole From 114 ft. To 152 ft. | | |
| | | | | | Screen? <input type="checkbox"/> | Type Make | |
| | | | | | Static Water Level 38 ft. land surface Measure 11/25/1987 | | |
| | | | | | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | |
| | | | | | Material Amount From To cuttings 0 0 ft. 114 ft. | | |
| | | | | | Nearest Known Source of Contamination 75 feet South Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 12/21/1987 Manufacturer's name AERMOTOR Model Number A12-75 HP 0.75 Volt 220 Length of drop pipe 57 ft Capacity 12 g.p. Typ Submersible | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 85 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 475883 Y 4922588 Unique Number Verification Address verification Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 JAECKELS, R Licensee Business Lic. or Reg. No. Name of Driller | | |

451201

County Rice
 Quad Little
 Quad ID 72A

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

Entry Date 12/12/1990
 Update Date 02/14/2014
 Received Date

| | | | | | | | |
|--|--|--------------------|---------------------------|-----------------------------|--|-----------------------------------|--|
| Well Name MONTANYE, | Township 111 | Range 21 | Dir Section W 1 | Subsection BABADB | Well Depth 140 ft. | Depth Completed 140 ft. | Date Well Completed 11/14/1988 |
| Elevation 1018 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | |
| Address C/W RR 5 BOX 173 NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From | To |
| Geological Material | From | To (ft.) | Color | Hardness | Casing Type Single casing | Joint Threaded | |
| CLAY | 0 | 17 | YELLOW | MEDIUM | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. | |
| CLAY | 17 | 38 | BLUE | MEDIUM | Casing Diameter 4 in. To | Weight 105 ft. lbs./ft. | Hole Diameter 6 in. To 105 ft. 4 in. To 140 ft. |
| SAND | 38 | 45 | BROWN | MEDIUM | Open Hole From 105 ft. To 140 ft. | | |
| CLAY | 45 | 86 | BLUE | MEDIUM | Screen? <input type="checkbox"/> | Type | Make |
| SAND | 86 | 91 | BROWN | HARD | Static Water Level 35 ft. land surface Measure 11/14/1988 | | |
| LIMESTONE WITH | 91 | 140 | YELLOW | HARD | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified Material Amount From To cuttings 0 0 ft. 105 ft. | | |
| | | | | | Nearest Known Source of Contamination 85 feet West Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed Manufacturer's name Model Number HP <u>0</u> Volt Length of drop pipe ft Capacity g.p. Typ <u>Submersible</u> | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 91 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 476544 Y 4922628 Unique Number Verification Name on mailbox Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 JAECKELS, R Licensee Business Lic. or Reg. No. Name of Driller | | |
| Minnesota Well Index Report | | | | 451201 | Printed on 01/23/1999 HE-01205-15 | | |

464010County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 01/11/1990
Update Date 02/14/2014
Received Date

| | | | | | | | |
|--|--|--------------------|----------------------------|-----------------------------|--|-----------------------------------|--|
| Well Name OLSON, LARRY | Township 112 | Range 21 | Dir Section W 35 | Subsection DDACBD | Well Depth 180 ft. | Depth Completed 180 ft. | Date Well Completed 04/19/1990 |
| Elevation 1050 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | |
| Address C/W 2186 BAGLEY WA NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From | To |
| Geological Material | From | To (ft.) | Color | Hardness | Casing Type Single casing | Joint Threaded | |
| CLAY | 0 | 20 | BROWN | MEDIUM | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. | |
| CLAY | 20 | 87 | BLUE | MEDIUM | Casing Diameter 5 in. | Weight 147 ft. lbs./ft. | Hole Diameter 7 in. To 147 ft. 5 in. To 180 ft. |
| SANDY CLAY | 87 | 125 | BLUE | SOFT | Open Hole From 147 ft. To 180 ft. | | |
| CLAY & GRAVEL | 125 | 144 | RED/BRN | MED-HRD | Screen? <input type="checkbox"/> | Type | Make |
| SOAPSTONE | 144 | 146 | YELLOW | MEDIUM | Static Water Level 51 ft. land surface Measure 04/19/1990 | | |
| LIMESTONE | 146 | 180 | GRAY | HARD | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified Material Amount From To cuttings 0 0 ft. 147 ft. | | |
| | | | | | Nearest Known Source of Contamination 50 feet West Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed Manufacturer's name Model Number HP 0 Volt Length of drop pipe ft Capacity g.p. Typ Submersible | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Cretaceous undiff. Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 144 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 475820 Y 4922987 Unique Number Verification Address verification Input Date 01/01/1990 | | |
| Remarks | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 JAECKELS, R Licensee Business Lic. or Reg. No. Name of Driller | | |
| Minnesota Well Index Report | | | | 464010 | Printed on 01/23/2019 HE-01205-15 | | |

500523County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 12/12/1990
Update Date 02/14/2014
Received Date

| | | | | | | | |
|--|------------------------|---|---------------------------|--|--|---|--|
| Well Name VON RUDE, | Township 111 | Range 21 | Dir Section W 1 | Subsection CCCDDDB | Well Depth 165 ft. | Depth Completed 165 ft. | Date Well Completed 06/08/1989 |
| Elevation 1026 | Elev. Method | 7.5 minute topographic map (+/- 5 feet) | | | Drill Method | Non-specified Rotary | Drill Fluid Bentonite |
| Address | | | | | Use domestic | Status Active | |
| C/W 9975 BAGLEY AV MN | | | | | Well Hydrofractured? | Yes <input type="checkbox"/> No <input type="checkbox"/> | From To |
| Stratigraphy Information | | | | | Casing Type | Single casing | Joint Threaded |
| Geological Material | From | To (ft.) | Color | Hardness | Drive Shoe? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. |
| CLAY | 0 | 73 | BLUE | MEDIUM | Casing Diameter | Weight | Hole Diameter |
| SAND | 73 | 81 | TAN | SOFT | 5 in. To | 143 ft. lbs./ft. | 8 in. To 143 ft. |
| CLAY | 81 | 83 | BLUE | MEDIUM | | | 5 in. To 165 ft. |
| SAND | 83 | 110 | TAN | SOFT | Open Hole From 143 ft. To 165 ft. | | |
| STONE | 110 | 111 | RED | HARD | Screen? <input type="checkbox"/> | Type | Make |
| SANDROCK | 111 | 141 | WHT/TAN | SOFT | Static Water Level | | |
| SHAKOPEE | 141 | 165 | GRAY | HARD | 33 ft. | land surface | Measure 06/09/1989 |
| Pumping Level (below land surface) | | | | | | | |
| Wellhead Completion | | | | | | | |
| Pitless adapter manufacturer | | | | BAKER | Model | | 6PS56S4C1 |
| <input type="checkbox"/> Casing Protection | | | | <input checked="" type="checkbox"/> 12 in. above grade | | | |
| <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | | | | | | |
| Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | | | | | | |
| Material | | Amount | | From | | To | |
| bentonite | | 2 Cubic yards | | 0 ft. | | 143 ft. | |
| Nearest Known Source of Contamination | | | | | | | |
| 70 feet | | Northeast Direction | | | Septic tank/drain field Type | | |
| Well disinfected upon completion? | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | | |
| Pump <input type="checkbox"/> Not Installed Date Installed 06/08/1989 | | | | | | | |
| Manufacturer's name | | | | AERMOTOR | | | |
| Model Number | | A12B50 | HP | 0.5 | Volt | 230 | |
| Length of drop pipe | | 45 ft | Capacity | 12 g.p. | Typ | Submersible | |
| Abandoned | | | | | | | |
| Does property have any not in use and not sealed well(s)? | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | | |
| Variance | | | | | | | |
| Was a variance granted from the MDH for this well? | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | | |
| Miscellaneous | | | | | | | |
| First Bedrock | | Prairie Du Chien Group | | Aquifer | | Prairie Du Chien | |
| Last Strat | | Prairie Du Chien Group | | Depth to Bedrock | | 111 ft | |
| Located by Minnesota Geological Survey | | | | | | | |
| Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) | | | | | | | |
| System | | UTM - NAD83, Zone 15, Meters | | X | 476135 | Y | 4921150 |
| Unique Number Verification | | Address verification | | Input Date | | 01/01/1990 | |
| Angled Drill Hole | | | | | | | |
| Well Contractor | | | | | | | |
| Born Well Co. | | 81162 | | BORN, D | | | |
| Licensee Business | | Lic. or Reg. No. | | Name of Driller | | | |
| Minnesota Well Index Report | | | | 500523 | | Printed on 01/23/1999 HE-01205-15 | |

502761County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 01/03/1990
Update Date 02/14/2014
Received Date

| | | | | | | | | |
|--|---|--------------------|---------------------------|-----------------------------|--|-----------------------------------|--|-------------------|
| Well Name PURCELL, | Township 111 | Range 21 | Dir Section W 2 | Subsection ACBDBD | Well Depth 170 ft. | Depth Completed 170 ft. | Date Well Completed 08/14/1989 | |
| Elevation 1030 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | | |
| Address C/W 2385 UNION LAKE TR NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From To | | |
| Geological Material From To (ft.) Color Hardness | | | | | Casing Type Single casing | Joint Threaded | | |
| CLAY 0 18 YELLOW MEDIUM | | | | | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 1 ft. | | |
| CLAY 18 110 BLUE SOFT | | | | | Casing Diameter 4 in. | Weight 158 ft. lbs./ft. | Hole Diameter 6 in. To 158 ft. | |
| CLAY & SAND LAYERS 110 156 RED/BLK HARD | | | | | | | 4 in. To 170 ft. | |
| LIMESTONE 156 170 GRAY HARD | | | | | Open Hole From 158 ft. To 170 ft. | | | |
| | | | | | Screen? <input type="checkbox"/> | Type Make | | |
| | | | | | Static Water Level 40 ft. land surface Measure 08/14/1989 | | | |
| | | | | | Pumping Level (below land surface) | | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | | |
| | | | | | Material cuttings | Amount 0 | From 0 ft. | To 158 ft. |
| | | | | | Nearest Known Source of Contamination 110 feet South Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 08/14/1989 | | | |
| | | | | | Manufacturer's name AERMOTOR | | | |
| | | | | | Model Number A12-75 | HP 0.75 | Volt 220 | |
| | | | | | Length of drop pipe 75 ft | Capacity 12 g.p. | Typ Submersible | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 156 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 475327 Y 4922178 Unique Number Verification Address verification Input Date 01/01/1990 | | | |
| Remarks | | | | | Angled Drill Hole | | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 JAECKELS, R Licensee Business Lic. or Reg. No. Name of Driller | | | |
| Minnesota Well Index Report | | | | | 502761 | | Printed on 01/23/2019 HE-01205-15 | |

506711County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 11/30/1990
Update Date 02/14/2014
Received Date

| | | | | | | | |
|--|---|--------------------|----------------------------|-----------------------------|---|-----------------------------------|--|
| Well Name THIESSEN, | Township 112 | Range 21 | Dir Section W 36 | Subsection DCDDBC | Well Depth 120 ft. | Depth Completed 120 ft. | Date Well Completed 12/05/1989 |
| Elevation 1025 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid Bentonite | |
| Address C/W 1405 90TH ST W NORTHFIELD MN | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> From To | | |
| Geological Material From To (ft.) Color Hardness | | | | | Casing Type Single casing Joint Welded | | |
| CLAY 0 95 BROWN MEDIUM | | | | | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Above/Below 1 ft. | | |
| GRAVEL 95 105 BROWN SOFT | | | | | Casing Diameter Weight Hole Diameter | | |
| LIMESTONE 105 120 YELLOW HARD | | | | | 4 in. To 105 ft. lbs./ft. 8 in. To 105 ft. 4 in. To 120 ft. | | |
| | | | | | Open Hole From 105 ft. To 120 ft. | | |
| | | | | | Screen? <input type="checkbox"/> Type Make | | |
| | | | | | Static Water Level 30 ft. land surface Measure 12/05/1989 | | |
| | | | | | Pumping Level (below land surface) 80 ft. hrs. Pumping at 20 g.p.m. | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer WHITEWATER Model SU4X5. <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | |
| | | | | | Material Amount From To bentonite 1 Cubic yards 0 ft. 105 ft. | | |
| | | | | | Nearest Known Source of Contamination 100 feet East Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 12/12/1989 Manufacturer's name GRUNDFOS Model Number 10S05-09 HP 0.5 Volt 230 Length of drop pipe 63 ft Capacity 10 g.p. Typ Submersible | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 105 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 477107 Y 4922785 Unique Number Verification Information from Input Date 06/02/2000 | | |
| | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Kimmes-Bauer 19521 ANDERSON, L. Licensee Business Lic. or Reg. No. Name of Driller | | |
| Remarks PALIMINO ESTATES BLK 3 LOT 6 | | | | | | | |

522701

County Rice
 Quad Little
 Quad ID 72A

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

Entry Date 07/16/1993
 Update Date 02/14/2014
 Received Date

| | | | | | | | |
|--|--|--------------------|----------------------------|------------------------------|---|-----------------------------------|--|
| Well Name BESHARA, JOHN | Township 111 | Range 21 | Dir Section W 23 | Subsection ADDDDBD | Well Depth 158 ft. | Depth Completed 158 ft. | Date Well Completed 04/29/1993 |
| Elevation 1027 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid | |
| Address C/W 12456 BAGLEY AV FARIBAULT MN | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> | From | To |
| Geological Material | From | To (ft.) | Color | Hardness | Casing Type Single casing | Joint Welded | |
| CLAY | 0 | 21 | BROWN | MEDIUM | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below 0 ft. | |
| CLAY | 21 | 39 | BLUE | MEDIUM | Casing Diameter 4 in. | Weight 129 ft. lbs./ft. | Hole Diameter 6 in. To 129 ft. 4 in. To 158 ft. |
| CLAY & ROCKS | 39 | 104 | BLUE | MED-HRD | Open Hole From 129 ft. To 158 ft. | | |
| CLAY & ROCKS | 104 | 110 | BLUE | MED-HRD | Screen? <input type="checkbox"/> | Type | Make |
| SOAPSTONE | 110 | 125 | YEL/GRN | MEDIUM | Static Water Level 45 ft. land surface Measure 04/29/1993 | | |
| LIMESTONE & | 125 | 158 | VARIED | MED-HRD | Pumping Level (below land surface) | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified Material Amount From To cuttings 0 0 ft. 129 ft. | | |
| | | | | | Nearest Known Source of Contamination 52 feet Southwes Direction Septic tank/drain field Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed Manufacturer's name Model Number HP <u>0</u> Volt Length of drop pipe ft Capacity g.p. Typ <u>Submersible</u> | | |
| | | | | | Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock St.Peter Sandstone Aquifer St.Peter Last Strat St.Peter Sandstone Depth to Bedrock 104 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 475931 Y 4917182 Unique Number Verification Information from Input Date 06/02/2000 | | |
| Remarks GAMMA LOGGED 4-29-1993. | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 JAECKELS, R. Licensee Business Lic. or Reg. No. Name of Driller | | |

540193County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 06/28/1995
Update Date 02/14/2014
Received Date

| | | | | | | | |
|--|---|--------------------|---------------------------|-----------------------------|---|-----------------------------------|--|
| Well Name TUMA, | Township 111 | Range 21 | Dir Section W 2 | Subsection ACCBBB | Well Depth 180 ft. | Depth Completed 180 ft. | Date Well Completed 04/25/1995 |
| Elevation 1038 | Elev. Method 7.5 minute topographic map (+/- 5 feet) | | | | Drill Method Non-specified Rotary | Drill Fluid Qwik gel | |
| Address C/W 2495 UNION LAKE TR NORTHFIELD MN | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input type="checkbox"/> From To | | |
| Geological Material From To (ft.) Color Hardness | | | | | Casing Type Single casing Joint Threaded | | |
| CLAY 0 17 YELLOW SOFT | | | | | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Above/Below | | |
| CLAY 17 84 BLUE SOFT | | | | | Casing Diameter Weight Hole Diameter | | |
| CLAY & SAND LAYERS 84 110 BLUE MEDIUM | | | | | 4 in. To 165 ft. 11 lbs./ft. 6 in. To 159 ft. | | |
| SAND & ROCKS 110 143 BROWN HARD | | | | | 4 in. To 180 ft. | | |
| SANDY CLAY 143 157 BROWN SOFT | | | | | Open Hole From 165 ft. To 180 ft. | | |
| LIMEROCK 157 180 GRAY HARD | | | | | Screen? <input type="checkbox"/> Type Make | | |
| | | | | | Static Water Level 43 ft. land surface Measure 03/11/1994 | | |
| | | | | | Pumping Level (below land surface) ft. hrs. Pumping at g.p.m. | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | |
| | | | | | Material Amount From To bentonite 4 Sacks 0 ft. 40 ft. cuttings 40 ft. 159 ft. | | |
| | | | | | Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 04/25/1995 Manufacturer's name FLINT & WALLING Model Number 4F10B07 HP 0.75 Volt 220 Length of drop pipe 75 ft Capacity 10 g.p. Typ 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 type="checkbox"/> No | | |
| | | | | | Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 157 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 475225 Y 4922093 Unique Number Verification Information from Input Date 11/15/2012 | | |
| | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Hartmann Well Co. 40174 HARTMANN, K. Licensee Business Lic. or Reg. No. Name of Driller | | |
| Remarks GAMMA LOGGED 5-4-1994. | | | | | | | |
| Minnesota Well Index Report | | | | | 540193 | | Printed on 01/23/2019 HE-01205-15 |

777610

County Rice
 Quad Little
 Quad ID 72A

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

Entry Date 12/29/2010
 Update Date 09/09/2014
 Received Date 10/14/2010

| | | | | | | | |
|--|--|--------------------|----------------------------|-----------------------------|---|--------------------------------------|--|
| Well Name DEGREGO, RICK | Township 112 | Range 21 | Dir Section W 35 | Subsection DDDDBC | Well Depth 220 ft. | Depth Completed 220 ft. | Date Well Completed 10/06/2010 |
| Elevation 1043 | Elev. Method CALC FROM 2-FOOT COUNTY DEM | | | | Drill Method Non-specified Rotary | Drill Fluid Qwik gel | |
| Address C/W 2036 90TH ST W NORTHFIELD MN 55057 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | From To | |
| Geological Material | | | | | Casing Type Single casing | Joint Welded | |
| CLAY | | | | | Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Above/Below | |
| CLAY ROCKS | | | | | Casing Diameter 4 in. To | Weight 200 ft. 11 lbs./ft. | Hole Diameter 6.2 in. To 200 ft. 4 in. To 220 ft. |
| BOULDERS | | | | | Open Hole From 200 ft. To 220 ft. | | |
| CLAY BOULDER | | | | | Screen? <input type="checkbox"/> | Type Make | |
| SHALY ROCK | | | | | Static Water Level 44 ft. land surface Measure 10/06/2010 | | |
| LIME | | | | | Pumping Level (below land surface) 44 ft. 1.5 hrs. Pumping at 50 g.p.m. | | |
| | | | | | Wellhead Completion Pitless adapter manufacturer MONITOR Model THREAD <input type="checkbox"/> Casing Protection <input checked="" type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified Material Amount From To bentonite 5 Sacks ft. 200 ft. | | |
| | | | | | Nearest Known Source of Contamination 73 feet Northwes 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 10/06/2010 Manufacturer's name GOULDS Model Number SS75 HP 0.75 Volt 230 Length of drop pipe 72 ft Capacity 10 g.p. Typ 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 Cretaceous undiff. Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 185 ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 475899 Y 4922789 Unique Number Verification Info/GPS from data Input Date 11/17/2010 | | |
| | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor Jaeckels Well Service, Inc. 1601 JAECKELS, T. Licensee Business Lic. or Reg. No. Name of Driller | | |
| Remarks | | | | | | | |
| Minnesota Well Index Report | | | | | 777610 | | |
| | | | | | Printed on 01/23/2019 HE-01205-15 | | |

799828County Rice
Quad Little
Quad ID 72AMINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031Entry Date 09/18/2013
Update Date 09/02/2014
Received Date 09/13/2013

| | | | | | | | |
|--|--|--------------------|----------------------------|-----------------------------|--|-----------------------------------|--|
| Well Name NOONAN, TOM | Township 111 | Range 21 | Dir Section W 13 | Subsection AADDDD | Well Depth 135 ft. | Depth Completed 135 ft. | Date Well Completed 08/05/2013 |
| Elevation 1031 | Elev. Method Calc from NED (Natl.Elev.Dataset-30m) | | | | Drill Method Non-specified Rotary | Drill Fluid Bentonite | |
| Address Well 11251 BASELINE RD DUNDAS MN 55019 | | | | | Use domestic | Status Active | |
| Stratigraphy Information | | | | | Well Hydrofractured? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> From To | | |
| Geological Material From To (ft.) Color Hardness | | | | | Casing Type Single casing Joint | | |
| DRIFT 0 112 GREEN MEDIUM | | | | | Drive Shoe? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Above/Below | | |
| LIME ROCK 112 135 TAN M.HARD | | | | | Casing Diameter Weight Hole Diameter | | |
| | | | | | 4 in. To 112 ft. 11 lbs./ft. 6.2 in. To 110 ft. | | |
| | | | | | 4 in. To 135 ft. | | |
| | | | | | Open Hole From 112 ft. To 135 ft. | | |
| | | | | | Screen? <input type="checkbox"/> Type Make | | |
| | | | | | Static Water Level | | |
| | | | | | Pumping Level (below land surface) | | |
| | | | | | 60 ft. 2 hrs. Pumping at 50 g.p.m. | | |
| | | | | | Wellhead Completion | | |
| | | | | | Pitless adapter manufacturer MONITOR Model | | |
| | | | | | <input type="checkbox"/> Casing Protection <input checked="" type="checkbox"/> 12 in. above grade | | |
| | | | | | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | |
| | | | | | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified | | |
| | | | | | Material Amount From To | | |
| | | | | | other 4 Sacks ft. 112 ft. | | |
| | | | | | Nearest Known Source of Contamination | | |
| | | | | | 75 feet North Direction Sewer Type | | |
| | | | | | Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | | | | Pump <input type="checkbox"/> Not Installed Date Installed 08/05/2013 | | |
| | | | | | Manufacturer's name WEINGBERGER WELL | | |
| | | | | | Model Number HP Volt | | |
| | | | | | Length of drop pipe ft Capacity g.p. Typ | | |
| | | | | | 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 | | |
| | | | | | Last Strat Depth to Bedrock ft | | |
| | | | | | Located by Minnesota Department of Health | | |
| | | | | | Locate Method GPS SA Off (averaged) (15 meters) | | |
| | | | | | System UTM - NAD83, Zone 15, Meters X 477555 Y 4919150 | | |
| | | | | | Unique Number Verification Info/GPS from data Input Date 09/18/2013 | | |
| | | | | | Angled Drill Hole | | |
| | | | | | Well Contractor | | |
| | | | | | Jaeckels Well Service, Inc. 1601 JAECKELS, T. | | |
| | | | | | Licensee Business Lic. or Reg. No. Name of Driller | | |
| Remarks | | | | | | | |
| Minnesota Well Index Report | | | | | 799828 | | |
| | | | | | Printed on 01/23/2019 HE-01205-15 | | |

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

Entry Date 06/04/1990
Update Date 08/18/2016
Received Date

County Rice
Quad Little
Quad ID 72A

1000011616

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|--|--|--|---|--------------------|-------------------|---------------|-----|----|------|------|------------------|------|---------------------|---|--|----------------|--|--|--|--|---------------------------------|--|--|--|--|---|-------------------|------------------------|----------------------------|---------|---------|------------|---------------------|--------------------|--|------------|---------------|--------|-----------------------------|------------------------------|-----------------------------|--------------------|-------|--|--------------------|------------------------------|-----------------------------|------------------|--|--|------|-----|--------|---|-------------|-------------|---------------------------|--|--|-------|--------------|--------------------|---|--|--|----------------------------|--|--|------------------------------|-------|--|--|---|--|--|--|--|-----------------------------|---------------|--|--|--|--|------|-----------|------|-----------------------------------|--|--|--|----------------|--|---------------------|--|--|--------------|----|------|---------------------|-------------|----------|------------------|--|--|--|--|--|-----------------|--|--|---|--|--|----------------------|--|--|---------------|---------------------------|--|------------|---------------------|--|--|--|--|---|--|--|--------|------------------------------|--------------------|----------------------------|--|-----------------------|--------------------------|--|--|------------------------|--|--|-------------------|------------------|-----------------|
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Well Name</td> <td>Township</td> <td>Range</td> <td>Dir Section</td> <td>Subsection</td> </tr> <tr> <td>JOHNSON, JOHN</td> <td>112</td> <td>21</td> <td>W 35</td> <td>DDAC</td> </tr> <tr> <td>Elevation</td> <td>1052</td> <td>Elev. Method</td> <td colspan="2">7.5 minute topographic map (+/- 5 feet)</td> </tr> <tr> <td colspan="5">Address</td> </tr> <tr> <td colspan="5">Stratigraphy Information</td> </tr> </table> | Well Name | Township | Range | Dir Section | Subsection | JOHNSON, JOHN | 112 | 21 | W 35 | DDAC | Elevation | 1052 | Elev. Method | 7.5 minute topographic map (+/- 5 feet) | | Address | | | | | Stratigraphy Information | | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Well Depth</td> <td>Depth Completed</td> <td>Date Well Completed</td> </tr> <tr> <td>165 ft.</td> <td>165 ft.</td> <td>00/00/1913</td> </tr> <tr> <td>Drill Method</td> <td colspan="2">Drill Fluid</td> </tr> <tr> <td>Use</td> <td>Status</td> <td>Active</td> </tr> <tr> <td>Well Hydrofractured?</td> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> <tr> <td>Casing Type</td> <td colspan="2">Joint</td> </tr> <tr> <td>Drive Shoe?</td> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> <tr> <td colspan="3">Open Hole</td> </tr> <tr> <td>From</td> <td>ft.</td> <td>To ft.</td> </tr> <tr> <td>Screen? <input type="checkbox"/></td> <td>Type</td> <td>Make</td> </tr> <tr> <td colspan="3">Static Water Level</td> </tr> <tr> <td>0 ft.</td> <td>land surface</td> <td>Measure 00/00/1913</td> </tr> <tr> <td colspan="3">Pumping Level (below land surface)</td> </tr> <tr> <td colspan="3">Wellhead Completion</td> </tr> <tr> <td>Pitless adapter manufacturer</td> <td colspan="2">Model</td> </tr> <tr> <td><input type="checkbox"/> Casing Protection</td> <td colspan="2"><input type="checkbox"/> 12 in. above grade</td> </tr> <tr> <td><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)</td> <td colspan="2"></td> </tr> <tr> <td>Grouting Information</td> <td>Well Grouted?</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Specified</td> </tr> <tr> <td colspan="3">Nearest Known Source of Contamination</td> </tr> <tr> <td>feet</td> <td>Direction</td> <td>Type</td> </tr> <tr> <td>Well disinfected upon completion?</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td></td> </tr> <tr> <td>Pump <input type="checkbox"/> Not Installed</td> <td colspan="2">Date Installed</td> </tr> <tr> <td colspan="3">Manufacturer's name</td> </tr> <tr> <td>Model Number</td> <td>HP</td> <td>Volt</td> </tr> <tr> <td>Length of drop pipe</td> <td>ft Capacity</td> <td>g.p. Typ</td> </tr> <tr> <td colspan="3">Abandoned</td> </tr> <tr> <td colspan="3">Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">Variance</td> </tr> <tr> <td colspan="3">Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">Miscellaneous</td> </tr> <tr> <td>First Bedrock</td> <td colspan="2">Aquifer Prairie Du Chien-</td> </tr> <tr> <td>Last Strat</td> <td colspan="2">Depth to Bedrock ft</td> </tr> <tr> <td colspan="3">Located by Minnesota Geological Survey</td> </tr> <tr> <td colspan="3">Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)</td> </tr> <tr> <td>System</td> <td>UTM - NAD83, Zone 15, Meters</td> <td>X 475852 Y 4922944</td> </tr> <tr> <td colspan="2">Unique Number Verification</td> <td>Input Date 01/01/1990</td> </tr> <tr> <td colspan="3">Angled Drill Hole</td> </tr> <tr> <td colspan="3">Well Contractor</td> </tr> <tr> <td>Licensee Business</td> <td>Lic. or Reg. No.</td> <td>Name of Driller</td> </tr> </table> | Well Depth | Depth Completed | Date Well Completed | 165 ft. | 165 ft. | 00/00/1913 | Drill Method | Drill Fluid | | Use | Status | Active | Well Hydrofractured? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Casing Type | Joint | | Drive Shoe? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Open Hole | | | From | ft. | To ft. | Screen? <input type="checkbox"/> | Type | Make | Static Water Level | | | 0 ft. | land surface | Measure 00/00/1913 | Pumping Level (below land surface) | | | Wellhead Completion | | | Pitless adapter manufacturer | Model | | <input type="checkbox"/> Casing Protection | <input type="checkbox"/> 12 in. above grade | | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | | Grouting Information | Well Grouted? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Specified | Nearest Known Source of Contamination | | | feet | Direction | Type | Well disinfected upon completion? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | Pump <input type="checkbox"/> Not Installed | Date Installed | | Manufacturer's name | | | Model Number | HP | Volt | Length of drop pipe | ft Capacity | g.p. Typ | Abandoned | | | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | Variance | | | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | Miscellaneous | | | First Bedrock | Aquifer Prairie Du Chien- | | Last Strat | Depth to Bedrock ft | | Located by Minnesota Geological Survey | | | Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) | | | System | UTM - NAD83, Zone 15, Meters | X 475852 Y 4922944 | Unique Number Verification | | Input Date 01/01/1990 | Angled Drill Hole | | | Well Contractor | | | Licensee Business | Lic. or Reg. No. | Name of Driller |
| Well Name | Township | Range | Dir Section | Subsection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOHNSON, JOHN | 112 | 21 | W 35 | DDAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elevation | 1052 | Elev. Method | 7.5 minute topographic map (+/- 5 feet) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stratigraphy Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well Depth | Depth Completed | Date Well Completed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 165 ft. | 165 ft. | 00/00/1913 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drill Method | Drill Fluid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Use | Status | Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well Hydrofractured? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Casing Type | Joint | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drive Shoe? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Open Hole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | ft. | To ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screen? <input type="checkbox"/> | Type | Make | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Static Water Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 ft. | land surface | Measure 00/00/1913 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pumping Level (below land surface) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wellhead Completion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pitless adapter manufacturer | Model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Casing Protection | <input type="checkbox"/> 12 in. above grade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grouting Information | Well Grouted? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nearest Known Source of Contamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| feet | Direction | Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well disinfected upon completion? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump <input type="checkbox"/> Not Installed | Date Installed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturer's name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Model Number | HP | Volt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Length of drop pipe | ft Capacity | g.p. Typ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abandoned | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Variance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Bedrock | Aquifer Prairie Du Chien- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last Strat | Depth to Bedrock ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Located by Minnesota Geological Survey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| System | UTM - NAD83, Zone 15, Meters | X 475852 Y 4922944 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unique Number Verification | | Input Date 01/01/1990 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angled Drill Hole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well Contractor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Licensee Business | Lic. or Reg. No. | Name of Driller | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |