

655912

County Washington  
Quad St Paul Park  
Quad ID 102C

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

Entry Date 11/04/2002  
Update Date 03/10/2014  
Received Date 01/13/2005

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|---------|----------------------------------------------------------------|----------------------|------------------------------|------------------------------|-------------------------------------------|------|----------|-----------------------------------|---------------------------------|---------------|---|------------------------------------------|-------------------------|------|---------------|----|----|-------|------|---------------|----|----|-------|------|-----------|----|-----|--------|------|-----------|-----|-----|--------|--------|-------|-----|-----|------|--------|-----------|-----|-----|--------|--------|-------|-----|-----|---------|--------|-------|-----|-----|---------|--------|-------|-----|-----|---------|--------|-----------|-----|-----|---------|--------|-------------------|-----|-----|------|--------|-------------------|-----|-----|------|--------|-------------------|-----|-----|------|--------|-------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <b>Well Name</b><br>METROPOLITAN 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |     |         | <b>Township</b><br>21                                          | <b>Range</b><br>W 34 | <b>Dir Section</b><br>BBDCAA | <b>Well Depth</b><br>480 ft. |                                           |      |          | <b>Depth Completed</b><br>480 ft. |                                 |               |   | <b>Date Well Completed</b><br>09/18/2002 |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Elevation</b><br>792 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |     |         | <b>Elev. Method</b><br>7.5 minute topographic map (+/- 5 feet) |                      |                              |                              | <b>Drill Method</b><br>Cable Tool         |      |          |                                   | <b>Drill Fluid</b><br>Bentonite |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Address</b><br><br>Well 9211 110TH ST COTTAGE GROVE MN 55016<br>Contact 230 5TH ST E ST PAUL MN 55101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |     |         |                                                                |                      |                              |                              | <b>Use</b><br>industrial                  |      |          |                                   |                                 |               |   |                                          | <b>Status</b><br>Active |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Stratigraphy Information</b> <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SAND &amp; GRAVEL</td><td>0</td><td>25</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY &amp; GRAVEL</td><td>25</td><td>40</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY &amp; GRAVEL</td><td>40</td><td>45</td><td>BROWN</td><td>SOFT</td></tr><tr><td>LIMESTONE</td><td>45</td><td>100</td><td>YELLOW</td><td>HARD</td></tr><tr><td>SANDSTONE</td><td>100</td><td>115</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>115</td><td>120</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SANDSTONE</td><td>120</td><td>190</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>190</td><td>195</td><td>GRY/GRN</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>195</td><td>235</td><td>GRY/GRN</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>235</td><td>280</td><td>GRY/GRN</td><td>MEDIUM</td></tr><tr><td>FRANCONIA</td><td>280</td><td>420</td><td>GRN/BLK</td><td>MEDIUM</td></tr><tr><td>IRONTON SANDSTONE</td><td>420</td><td>445</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SHALE &amp; SANDSTONE</td><td>445</td><td>475</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SHALE &amp; SANDSTONE</td><td>475</td><td>480</td><td>GRAY</td><td>MEDIUM</td></tr></table> |     |     |         |                                                                |                      |                              |                              | Geological Material                       | From | To (ft.) | Color                             | Hardness                        | SAND & GRAVEL | 0 | 25                                       | BROWN                   | SOFT | CLAY & GRAVEL | 25 | 40 | BROWN | SOFT | CLAY & GRAVEL | 40 | 45 | BROWN | SOFT | LIMESTONE | 45 | 100 | YELLOW | HARD | SANDSTONE | 100 | 115 | YELLOW | MEDIUM | SHALE | 115 | 120 | BLUE | MEDIUM | SANDSTONE | 120 | 190 | YELLOW | MEDIUM | SHALE | 190 | 195 | GRY/GRN | MEDIUM | SHALE | 195 | 235 | GRY/GRN | MEDIUM | SHALE | 235 | 280 | GRY/GRN | MEDIUM | FRANCONIA | 280 | 420 | GRN/BLK | MEDIUM | IRONTON SANDSTONE | 420 | 445 | GRAY | MEDIUM | SHALE & SANDSTONE | 445 | 475 | GRAY | MEDIUM | SHALE & SANDSTONE | 475 | 480 | GRAY | MEDIUM | <b>Well Hydrofractured?</b><br><b>Yes</b> <input type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/> <b>From</b><br><b>To</b> |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | Geological Material                       | From | To (ft.) | Color                             | Hardness                        |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | SAND & GRAVEL                             | 0    | 25       | BROWN                             | SOFT                            |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | CLAY & GRAVEL                             | 25   | 40       | BROWN                             | SOFT                            |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | CLAY & GRAVEL                             | 40   | 45       | BROWN                             | SOFT                            |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | LIMESTONE                                 | 45   | 100      | YELLOW                            | HARD                            |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | SANDSTONE                                 | 100  | 115      | YELLOW                            | MEDIUM                          |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | SHALE                                     | 115  | 120      | BLUE                              | MEDIUM                          |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | SANDSTONE                                 | 120  | 190      | YELLOW                            | MEDIUM                          |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         |                                                                |                      |                              |                              | SHALE                                     | 190  | 195      | GRY/GRN                           | MEDIUM                          |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| SHALE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 195 | 235 | GRY/GRN | MEDIUM                                                         |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| SHALE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 235 | 280 | GRY/GRN | MEDIUM                                                         |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| FRANCONIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 280 | 420 | GRN/BLK | MEDIUM                                                         |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| IRONTON SANDSTONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 420 | 445 | GRAY    | MEDIUM                                                         |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| SHALE & SANDSTONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 445 | 475 | GRAY    | MEDIUM                                                         |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| SHALE & SANDSTONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 475 | 480 | GRAY    | MEDIUM                                                         |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Casing Type</b><br>Step down                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |         | <b>Joint</b>                                                   |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Drive Shoe?</b><br><b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |     |         | <b>Above/Below</b>                                             |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Casing Diameter</b><br>8 in. To 422 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |         | <b>Weight</b><br>49.61 lbs./ft.                                |                      |                              |                              | <b>Hole Diameter</b><br>12 in. To 422 ft. |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| 12 in. To 55 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |     |         | 28.58 lbs./ft.                                                 |                      |                              |                              | 8 in. To 480 ft.                          |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Open Hole</b><br>From 422 ft. To 480 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Screen?</b> <input type="checkbox"/> <b>Type</b><br><b>Make</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Static Water Level</b><br>90 ft. land surface Measure 09/16/2002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Pumping Level (below land surface)</b><br>222 ft. 6 hrs. Pumping at 300 g.p.m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Wellhead Completion</b><br>Pitless adapter manufacturer MONITOR Model 7PS810WBWE<br><input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade<br><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Grouting Information</b><br>Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified<br>Material Amount From To<br>neat cement 13 Cubic yards 0 ft. 422 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Nearest Known Source of Contamination</b><br>50 feet Direction Other Type<br>Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Pump</b> <input type="checkbox"/> Not Installed Date Installed 08/29/2002<br>Manufacturer's name GRUNDFOS<br>Model Number 2305300-9 HP 30 Volt 460<br>Length of drop pipe 252 ft Capacity 225 g.p. Typ Submersible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Abandoned</b><br>Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Variance</b><br>Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Miscellaneous</b><br>First Bedrock Prairie Du Chien/Oneota Aquifer Wonewoc-Eau<br>Last Strat Eau Claire Formation Depth to Bedrock 40 ft<br>Located by Minnesota Geological Survey<br>Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or<br>System UTM - NAD83, Zone 15, Meters X 506289 Y 4959337<br>Unique Number Verification Information from Input Date 08/15/2005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |
| <b>Well Contractor</b><br>Keys Well Co. 62012 ALLAN, J.<br>Licensee Business Lic. or Reg. No. Name of Driller                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |         |                                                                |                      |                              |                              |                                           |      |          |                                   |                                 |               |   |                                          |                         |      |               |    |    |       |      |               |    |    |       |      |           |    |     |        |      |           |     |     |        |        |       |     |     |      |        |           |     |     |        |        |       |     |     |         |        |       |     |     |         |        |       |     |     |         |        |           |     |     |         |        |                   |     |     |      |        |                   |     |     |      |        |                   |     |     |      |        |                                                                                                                                           |  |  |  |

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