

## WATER WELL RECORD

## Form WWC-5

Division of Water Resources; App. No.  

| <b>1 LOCATION OF WATER WELL:</b><br>County: <b>Morton</b> <b>SW 1/4 NW 1/4 SW 1/4 NW 1/4</b><br>Distance and direction from nearest town or city street address of well if located within city? <b>Approx. 170' SSE of the SE corner of the Intersection of Hwy 56 and Hwy 51/CR24, Rolla</b>   |                | <b>Section Number</b><br><b>1</b><br><b>Township Number</b><br><b>T 34 S</b><br><b>Range Number</b><br><b>R 40 E/W</b>   |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|----------------|--|------------|------|--------------------|----------------|------|----|--------------------|---|---|------------------|--|--|--|---|----|-------------|--|--|--|----|----|----------------------------------|--|--|--|----|----|-------------------------------------|--|--|--|----|-----|----------------------------|--|--|--|-----|-----|----------------------------|--|--|--|-----|-----|----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>2 WATER WELL OWNER:</b> <b>Elkhart Coop</b><br>RR#, St. Address, Box # : <b>P.O. Box 210</b><br>City, State, ZIP Code : <b>Elkhart, KS 67950</b>   |                | <b>Global Positioning Systems</b> (decimal degrees, min. of 4 digits)<br>Latitude: <b>37.121703'</b><br>Longitude: <b>101.627508'</b><br>Elevation: <b>3309.94' TOC</b><br>Datum: <b> </b><br>Data Collection Method: <b>GPS</b> |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b><br><div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr> <td style="width: 20px;">W</td> <td style="width: 40px; text-align: center;">X NW -- NE</td> <td style="width: 20px;">E</td> </tr> <tr> <td></td> <td style="text-align: center;">-- SW -- SE --</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">S</td> <td></td> </tr> </table> </div>  |                | W  | X NW -- NE | E    |                    | -- SW -- SE -- |      |    | S                  |   | <b>4 DEPTH OF COMPLETED WELL ..220..... ft.</b><br>Depth(s) Groundwater Encountered (1) <b>113.82</b> ft. (2)..... ft. (3)..... ft.<br>WELL'S STATIC WATER LEVEL..... ft. below land surface measured on mo/day/yr. <b>12/3/12</b><br>Pump test data: Well water was..... ft. after..... hours pumping..... gpm<br>Est. Yield..... gpm: Well water was..... ft. after..... hours pumping..... gpm<br>WELL WATER TO BE USED AS: 5 Public water supply    8 Air conditioning    11 Injection well<br>1 Domestic    3 Feedlot    6 Oil field water supply    9 Dewatering    12 Other (Specify below)<br>2 Irrigation    4 Industrial    7 Domestic (lawn & garden) <b>10 Monitoring well</b> <b>MW-3</b><br>Was a chemical/bacteriological sample submitted to Department? Yes..... No <input checked="" type="checkbox"/> ; If yes, mo/day/yr<br>Sample was submitted..... Water well disinfected? Yes..... No <input checked="" type="checkbox"/> |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| W   | X NW -- NE     | E  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | -- SW -- SE -- |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | S              |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>5 TYPE OF CASING USED:</b><br>1 Steel    3 RMP (SR)    5 Wrought Iron    8 Concrete tile    CASING JOINTS: Glued..... Clamped.....<br><b>2 PVC</b> 4 ABS    7 Fiberglass    9 Other (specify below)    Welded.....<br>Blank casing diameter <b>4</b> ..... in. to <b>190</b> ..... ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft.<br>Casing height above land surface <b>-0.22</b> ..... in., Weight..... lbs./ft.    Wall thickness or gauge No. <b>Schedule 40</b> .....<br><b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b><br>1 Steel    3 Stainless Steel    5 Fiberglass <b>7 PVC</b> 9 ABS    11 Other (Specify).....<br>2 Brass    4 Galvanized Steel    6 Concrete tile    8 RM (SR)    10 Asbestos-Cement    12 None used (open hole)<br><b>SCREEN OR PERFORATION OPENINGS ARE:</b><br>1 Continuous slot <b>3 Mill slot</b> 0.01" 5 Gauzed wrapped    7 Torch cut    9 Drilled holes    11 None (open hole)<br>2 Louvered shutter    4 Key punched    6 Wire wrapped    8 Saw Cut    10 Other (specify).....<br><b>SCREEN-PERFORATED INTERVALS:</b> From <b>190</b> ..... ft. to <b>220</b> ..... ft., From..... ft. to..... ft.<br><b>GRAVEL PACK INTERVALS:</b> From <b>186</b> ..... ft. to <b>220</b> ..... ft., From..... ft. to..... ft.<br>From..... ft. to..... ft., From..... ft. to..... ft.                                  |                |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>6 GROUT MATERIAL:</b> 1 Neat cement    2 Cement grout <b>3 Bentonite</b> 4 Other.....<br>Grout Intervals: From <b>0</b> ..... ft. to <b>186</b> ..... ft., From..... ft. to..... ft., From..... ft. to..... ft.<br>What is the nearest source of possible contamination:<br>1 Septic tank    4 Lateral lines    7 Pit privy    10 Livestock pens    13 Insecticide Storage    16 Other (specify below)<br>2 Sewer lines    5 Cess pool    8 Sewage lagoon    11 Fuel storage    14 Abandoned water well    below)<br>3 Watertight sewer lines    6 Seepage pit    9 Feedyard    12 Fertilizer Storage    15 Oil well/gas well<br>Direction from well?..... How many feet?.....   |                |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">FROM</th> <th style="width: 10%;">TO</th> <th style="width: 40%;">LITHOLOGIC LOG</th> <th style="width: 10%;">FROM</th> <th style="width: 10%;">TO</th> <th style="width: 20%;">PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td>Concrete/Surface</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>18</td> <td>Clayey SILT</td> <td></td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>47</td> <td>SAND with sandy clay and caliche</td> <td></td> <td></td> <td></td> </tr> <tr> <td>47</td> <td>58</td> <td>Gravelly SAND with clay and caliche</td> <td></td> <td></td> <td></td> </tr> <tr> <td>58</td> <td>126</td> <td>Silty CLAY with sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>126</td> <td>152</td> <td>SAND with clay and caliche</td> <td></td> <td></td> <td></td> </tr> <tr> <td>152</td> <td>220</td> <td>Silty CLAY with sand</td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> |                |  |            | FROM | TO                 | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS | 0 | 2   | Concrete/Surface |  |  |  | 2 | 18 | Clayey SILT |  |  |  | 18 | 47 | SAND with sandy clay and caliche |  |  |  | 47 | 58 | Gravelly SAND with clay and caliche |  |  |  | 58 | 126 | Silty CLAY with sandy clay |  |  |  | 126 | 152 | SAND with clay and caliche |  |  |  | 152 | 220 | Silty CLAY with sand |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FROM  | TO             | LITHOLOGIC LOG   | FROM       | TO   | PLUGGING INTERVALS |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0   | 2              | Concrete/Surface   |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2   | 18             | Clayey SILT  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18  | 47             | SAND with sandy clay and caliche   |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 47  | 58             | Gravelly SAND with clay and caliche  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 58  | 126            | Silty CLAY with sandy clay   |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 126   | 152            | SAND with clay and caliche   |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 152   | 220            | Silty CLAY with sand   |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <b>(1) constructed</b> (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <b>11/21/12</b> ..... and this record is true to the best of my knowledge and belief.<br>Kansas Water Well Contractor's License No. <b>554</b> ..... This Water Well Record was completed on (mo/day/year) <b>1/18/13</b> .....<br>under the business name of <b>Woofter Pump &amp; Well</b> by (signature) <i>[Signature]</i>  |                |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>INSTRUCTIONS:</b> Use typewriter or ball point pen. <b>PLEASE PRESS FIRMLY</b> and <b>PRINT</b> clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each <b>constructed</b> well. Visit us at <a href="http://www.kdhe.state.ks.us/geo/waterwells">http://www.kdhe.state.ks.us/geo/waterwells</a> .  |                |  |            |      |                    |                |      |    |                    |   |   |                  |  |  |  |   |    |             |  |  |  |    |    |                                  |  |  |  |    |    |                                     |  |  |  |    |     |                            |  |  |  |     |     |                            |  |  |  |     |     |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |