

**CORRECTION(S) TO WATER WELL RECORD (WWC-5)**  
(to rectify lacking or incorrect information)

County: Reno

Location listed as:

Section-Township-Range: 29-225-6 W

Fraction (  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ ): None Given

Location changed to:

29-225-6 W

SE SW SW SE

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: \_\_\_\_\_

verification method: Well site address, city street map, and  
mapping tool on KGS website.

initials: DRB date: 7/9/2009

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726  
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

## WATER WELL RECORD

## Form WWC-5

Division of Water Resources; App. No.  

| <b>1 LOCATION OF WATER WELL:</b><br>County: <u>Reno</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | Fraction<br>$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ |      | Section Number<br><u>29</u>                                                                                                                                                       | Township Number<br>T <u>22</u> S | Range Number<br>R <u>6</u> E <input checked="" type="checkbox"/> |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Distance and direction from nearest town or city street address of well if located within city? <u>1/2 mi. W of Willowbrook</u><br><u>4604 W 43rd</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                       |      | <b>Global Positioning Systems</b> (decimal degrees, min. of 4 digits)<br>Latitude: _____<br>Longitude: _____<br>Elevation: _____<br>Datum: _____<br>Data Collection Method: _____ |                                  |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>2 WATER WELL OWNER:</b> <u>Mark Maness</u><br>RR#, St. Address, Box # : <u>1820 N Jackson</u><br>City, State, ZIP Code : <u>Hutch, KS 67502</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                       |      |                                                                                                                                                                                   |                                  |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b><br><div style="text-align: center;">N</div> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">NW</td> <td style="padding: 5px;">NE</td> </tr> <tr> <td style="padding: 5px;">SW</td> <td style="padding: 5px; text-align: center;">X</td> </tr> </table> <div style="text-align: center;">S</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                       |      |                                                                                                                                                                                   |                                  |                                                                  | NW   | NE | SW             | X    |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NE        |                                                       |      |                                                                                                                                                                                   |                                  |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X         |                                                       |      |                                                                                                                                                                                   |                                  |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>4 DEPTH OF COMPLETED WELL</b> ..... <u>40</u> ..... ft.<br>Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.<br>WELL'S STATIC WATER LEVEL..... <u>9</u> ..... ft. below land surface measured on mo/day/yr. <u>3-13-09</u><br>Pump test data: Well water was..... <u>1.8</u> ..... ft. after..... <u>1/2</u> ..... hours pumping..... <u>1.0-2.0</u> ..... 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><input checked="" type="checkbox"/> Domestic    3 Feedlot    6 Oil field water supply    9 Dewatering    12 Other (Specify below)<br>2 Irrigation    4 Industrial    7 Domestic (lawn & garden)    10 Monitoring well                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                       |      |                                                                                                                                                                                   |                                  |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>5 TYPE OF CASING USED:</b> 5 Wrought Iron    8 Concrete tile    CASING JOINTS: Glued... <input checked="" type="checkbox"/> ... Clamped.....<br>1 Steel    3 RMP (SR)    6 Asbestos-Cement    9 Other (specify below)    Welded.....<br><input checked="" type="checkbox"/> PVC    4 ABS    7 Fiberglass    ..... Threaded.....<br>Blank casing diameter ..... <u>5</u> ..... in. to ..... <u>30</u> ..... ft., Diameter..... in. to ..... ft., Diameter ..... in. to ..... ft.<br>Casing height above land surface..... <u>24</u> ..... in., Weight .. <u>2.35</u> ..... lbs./ft.    Wall thickness or gauge No. .... <u>160</u> .....<br><b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b><br>1 Steel    3 Stainless Steel    5 Fiberglass <input checked="" type="checkbox"/> PVC    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    3 Mill slot    5 Gauzed wrapped    7 Torch cut    9 Drilled holes    11 None (open hole)<br>2 Louvered shutter    4 Key punched    6 Wire wrapped <input checked="" type="checkbox"/> Saw cut    10 Other (specify) .....<br><b>SCREEN-PERFORATED INTERVALS:</b> From..... <u>30</u> ..... ft. to ..... <u>40</u> ..... ft., From ..... ft. to ..... ft.<br>From..... ft. to ..... ft., From ..... ft. to ..... ft.<br><b>GRAVEL PACK INTERVALS:</b> From..... <u>22</u> ..... ft. to ..... <u>43</u> ..... 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 <input checked="" type="checkbox"/> Bentonite    4 Other .....<br>Grout Intervals:    From ..... <u>2</u> ..... ft. to ..... <u>22</u> ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.<br>What is the nearest source of possible contamination:<br><input checked="" type="checkbox"/> 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<br>3 Watertight sewer lines    6 Seepage pit    9 Feedyard    12 Fertilizer storage    15 Oil well/gas well<br>Direction from well? ..... <u>SW</u> .....    How many feet? ..... <u>100</u> .....<br><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><u>0</u></td> <td><u>2</u></td> <td><u>Silty Dirt</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>2</u></td> <td><u>43</u></td> <td><u>Sand + Gravel</u></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> <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 | <u>0</u> | <u>2</u> | <u>Silty Dirt</u> |  |  |  | <u>2</u> | <u>43</u> | <u>Sand + Gravel</u> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TO        | LITHOLOGIC LOG                                        | FROM | TO                                                                                                                                                                                | PLUGGING INTERVALS               |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>0</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u>2</u>  | <u>Silty Dirt</u>                                     |      |                                                                                                                                                                                   |                                  |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u>43</u> | <u>Sand + Gravel</u>                                  |      |                                                                                                                                                                                   |                                  |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| <b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <input checked="" type="checkbox"/> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) ..... <u>3-13-09</u> ..... and this record is true to the best of my knowledge and belief.<br>Kansas Water Well Contractor's License No. .... <u>442</u> .... This Water Well Record was completed on (mo/day/year) ..... <u>3-19-09</u> .....<br>under the business name of <u>Miller Drilling</u> by (signature) <u>Ernie Miller</u><br><b>INSTRUCTIONS:</b> Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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 <u>constructed</u> well. Visit us at <a href="http://www.kdheks.gov/waterwell/index.html">http://www.kdheks.gov/waterwell/index.html</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                       |      |                                                                                                                                                                                   |                                  |                                                                  |      |    |                |      |    |                    |          |          |                   |  |  |  |          |           |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |