

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources: App. No.  

|                                  |                                      |   |                                    |                         |
|----------------------------------|--------------------------------------|---|------------------------------------|-------------------------|
| <b>1 LOCATION OF WATER WELL:</b> | Fraction <b>NE 1/4 NE 1/4 SE 1/4</b> | Section Number <b>22</b>  | Township Number <b>T 4 S R 6 E</b> | Range Number <b>6 E</b> |
| County: <b>Marshall</b>          |                                      | Distance and direction from nearest town or city street address of well if located within city? <b>219 W Main St., Waterville, KS 66548</b> |                                    |                         |

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| <b>2 WATER WELL OWNER:</b> <b>Kansas DOT</b><br>RR#, St. Address, Box # : <b>1686 1<sup>st</sup> Ave E</b><br>City, State, ZIP Code : <b>Horton, KS 66439</b> | <b>Global Positioning System</b> (decimal degrees, min. of 4 digits)<br>Latitude: <b>N 39.68986°</b><br>Longitude: <b>W 96.75200°</b><br>Elevation: <b>RIM: 1173.18; TOC: 1172.87</b><br>Datum: <b>NAD 83</b><br>Data Collection Method: <b>legal survey</b> |
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| <b>3 LOCATE WELL'S LOCATON WITH AN "X" IN SECTION BOX:</b> | <b>4 DEPTH OF COMPLETED WELL 45 ft.</b>   |
|  | Depth(s) Groundwater Encountered <b>1</b> ft. <b>2</b> ft. <b>3</b> ft. <b>4</b> ft.<br>WELL'S STATIC WATER LEVEL <b>39.01</b> ft. below land surface measured on <b>mo/day/yr 2/18/10</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: <b>5</b> Public water supply <b>8</b> Air conditioning <b>11</b> Injection well<br><b>1</b> Domestic <b>3</b> Feed lot <b>6</b> Oil field water supply <b>9</b> Dewatering <b>12</b> Other (Specify below)<br><b>2</b> Irrigation <b>4</b> Industrial <b>7</b> Domestic (lawn & garden) <b>(10)</b> Monitoring well |
|  | Was a chemical/bacteriological sample submitted to Department? Yes _____ No <b>X</b> ; If yes, mo/day/yr<br>Sample was submitted _____ Water Well Disinfected? Yes _____ No <b>X</b>  |

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| <b>5 TYPE OF CASING USED:</b>  | 5 Wrought Iron      8 Concrete tile      CASING JOINTS: Glued _____ Clamped _____<br>1 Steel      3 RMP (SR)      6 Asbestos-Cement      9 Other (specify below)      Welded _____<br><b>(2)</b> PVC      4 ABS      7 Fiberglass      _____ Threaded <b>X</b> |
| Blank casing diameter <b>2</b> in. to <b>30</b> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.        | Casing height below land surface <b>0.31</b> ft., Weight _____ lbs./ft. Wall thickness or gauge No. _____  |
| <b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b>   |  |
| 1 Steel    3 Stainless steel    5 Fiberglass <b>(7)</b> PVC    9 ABS    11 Other (specify) _____                   | 2 Brass    4 Galvanized steel    6 Concrete tile    8 RM (SR)    10 Asbestos-Cement    12 None used (open hole)  |
| <b>SCREEN OR PERFORATION OPENINGS ARE:</b>   |  |
| 1 Continuous slot <b>(3)</b> Mill slot    5 Gauze wrapped    7 Torch cut    9 Drilled holes    11 None (open hole) | 2 Louvered shutter    4 Key punched    6 Wire wrapped    8 Saw Cut    10 Other (specify) _____   |
| <b>SCREEN-PERFORATED INTERVALS:</b>  | From <b>30</b> ft. to <b>45</b> ft. From _____ ft. to _____ ft.  |
| <b>GRAVEL PACK INTERVALS:</b>  | From <b>28</b> ft. to <b>45</b> ft. From _____ ft. to _____ ft.  |

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| <b>6 GROUT MATERIAL:</b>   | 1 Neat cement <b>(2)</b> Cement grout <b>(3)</b> Bentonite <b>(4)</b> Other <b>Concrete: 0-2 ft</b><br>Grout Intervals From <b>2</b> ft. to <b>26</b> ft. From <b>26</b> ft. to <b>28</b> ft. From _____ ft. to _____ ft. |
| What is the nearest source of possible contamination:  |   |
| 1 Septic tank      4 Lateral lines    7 Pit privy      10 Livestock pens    13 Insecticide Storage    16 Other (specify below) | 2 Sewer lines      5 Cess pool      8 Sewage lagoon <b>(11)</b> Fuel storage    14 Abandoned water well   |
| 3 Watertight sewer lines    6 Seepage pit    9 Feedyard      12 Fertilizer storage    15 Oil well/ gas well                    |   |
| Direction from well? <b>E</b>  | How many feet? <b>~340ft</b>  |

| FROM | TO  | LITHOLOGIC LOG   | FROM | TO | PLUGGING INTERVALS                |
|------|-----|--|------|----|-----------------------------------|
| 0    | 0.5 | Grass, topsoil   |      |    |                                   |
| 0.5  | 4   | Dark brown silty clay, low plasticity  |      |    |                                   |
| 4    | 5   | Dark brown grading to brown silty clay, low plasticity   |      |    |                                   |
| 5    | 10  | Brown silty clay, low plasticity   |      |    |                                   |
| 10   | 15  | Brown silty clay, low plasticity, grading to red brown clay, some silt, black staining, low plasticity |      |    |                                   |
| 15   | 35  | Red brown silty clay, black staining, low plasticity   |      |    |                                   |
| 35   | 45  | Red brown medium to coarse sand with gravel and clay, very stiff                                       |      |    |                                   |
|      |     |  |      |    | <b>Flushmount waiver from BOW</b> |

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was **(1)** constructed, **(2)** reconstructed, or **(3)** plugged under my jurisdiction and was completed on (mo/day/year) **2/17/10** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **757**. This Water Well Record was completed on (mo/day/year) **3/17/10** under the business name of **Larsen & Associates, Inc.** by (signature) \_\_\_\_\_

**INSTRUCTIONS:** Please fill in blanks 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 constructed well. Visit us at <http://www.kdheks.gov/waterwell>.