

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

30136

| 1 LOCATION OF WATER WELL: County: <u>Gray</u> | | Fraction <u>¼ SE ¼ NW ¼ SE ¼</u> | Section Number <u>31</u> | Township No. <u>T 29 S</u> | Range Number <u>R 28</u> <input type="checkbox"/> E <input type="checkbox"/> W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> <u>8 Miles South ¾ Mile East ¼ Mile North of Montezuma, Kansas</u> | | | Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 WATER WELL OWNER: RR#, Street Address, Box #: <u>Mr. Doyle Koehn</u> City, State, ZIP Code: <u>13605 JJ Road</u> <u>Montezuma, Kansas 67867</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 LOCATE WELL WITH AN "X" IN SECTION BOX: <div style="text-align: center;"> </div> | 4 DEPTH OF COMPLETED WELL <u>245'</u> ft. Depth(s) Groundwater Encountered (1)..... <u>1.39</u> ft. (2)..... <u>1.78</u> ft. (3)..... <u>2.25</u> ft. WELL'S STATIC WATER LEVEL..... <u>1.31</u> ft. below land surface measured on mo/day/yr..... <u>5/19/12</u> Pump test data: Well water was.....ft. after..... hours pumping..... gpm EST. YIELD..... <u>700</u> gpm. Well water was.....ft. after..... hours pumping..... gpm Bore Hole Diameter <u>2.7</u> in. to <u>2.45</u> ft., andin. toft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 5 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input checked="" type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter <u>1.6</u> in. to <u>1.45</u> ft., Diameterin. to <u>20.5-22.5</u> ft., Diameterin. toft. Casing height above land surface..... <u>1.2</u> in., Weightlbs./ft., Wall thickness or gauge No. <u>SDR 26</u> TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous slot <input type="checkbox"/> Mill slot <input type="checkbox"/> Gauze wrapped <input type="checkbox"/> Torch cut <input type="checkbox"/> Drilled holes <input type="checkbox"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input type="checkbox"/> Wire wrapped <input checked="" type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify) SCREEN-PERFORATED INTERVALS: From..... <u>1.45</u> ft. to <u>20.5</u> ft., Fromft. toft. From.....ft. toft., Fromft. toft. GRAVEL PACK INTERVALS: From..... <u>20</u> ft. to <u>245</u> ft., Fromft. toft. From.....ft. toft., Fromft. toft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 GROUT MATERIAL: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other Grout Intervals: From <u>0</u> ft. to <u>1.6</u> ft. <u>Cement</u> <u>1.6</u> ft. to <u>20</u> ft. <u>Bentonite</u>ft. toft. What is the nearest source of possible contamination: <input type="checkbox"/> Septic tank <input type="checkbox"/> Lateral lines <input type="checkbox"/> Pit privy <input type="checkbox"/> Livestock pens <input type="checkbox"/> Insecticide storage <input type="checkbox"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input type="checkbox"/> Fuel storage <input type="checkbox"/> Abandoned water well <input type="checkbox"/> Watertight sewer lines <input type="checkbox"/> Seepage pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer storage <input type="checkbox"/> Oil well/gas well Direction from well Distance from well | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>15</td> <td>Topsoil, clay & sand</td> <td>97</td> <td>105</td> <td>Sand, Med. to coarse</td> </tr> <tr> <td>15</td> <td>18</td> <td>Fine Sand</td> <td>105</td> <td>120</td> <td>Sand, fine to med.</td> </tr> <tr> <td>18</td> <td>26</td> <td>White Clay & sand</td> <td>120</td> <td>128</td> <td>Lime & sand</td> </tr> <tr> <td>26</td> <td>42</td> <td>Fine sand & clay streaks</td> <td>128</td> <td>139</td> <td>Fine sand & clay</td> </tr> <tr> <td>42</td> <td>42</td> <td>Lime</td> <td>130</td> <td>150</td> <td>Sand, med. to coarse</td> </tr> <tr> <td>43</td> <td>45</td> <td>Fine Sand</td> <td>150</td> <td>151</td> <td>Cliche</td> </tr> <tr> <td>45</td> <td>60</td> <td>Sand & Gravel</td> <td>151</td> <td>178</td> <td>Sand & Gravel</td> </tr> <tr> <td>60</td> <td>70</td> <td>Cemented sand & sandy clay</td> <td>178</td> <td>180</td> <td>Clay</td> </tr> <tr> <td>75</td> <td>90</td> <td>Sand, Med to coarse</td> <td>180</td> <td>185</td> <td>Sandy clay & sand</td> </tr> <tr> <td>90</td> <td>97</td> <td>Cemented sand & clay</td> <td>185</td> <td>191</td> <td>Red Rock</td> </tr> </tbody> </table> | | | | | | FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS | 0 | 15 | Topsoil, clay & sand | 97 | 105 | Sand, Med. to coarse | 15 | 18 | Fine Sand | 105 | 120 | Sand, fine to med. | 18 | 26 | White Clay & sand | 120 | 128 | Lime & sand | 26 | 42 | Fine sand & clay streaks | 128 | 139 | Fine sand & clay | 42 | 42 | Lime | 130 | 150 | Sand, med. to coarse | 43 | 45 | Fine Sand | 150 | 151 | Cliche | 45 | 60 | Sand & Gravel | 151 | 178 | Sand & Gravel | 60 | 70 | Cemented sand & sandy clay | 178 | 180 | Clay | 75 | 90 | Sand, Med to coarse | 180 | 185 | Sandy clay & sand | 90 | 97 | Cemented sand & clay | 185 | 191 | Red Rock |
| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 15 | Topsoil, clay & sand | 97 | 105 | Sand, Med. to coarse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 18 | Fine Sand | 105 | 120 | Sand, fine to med. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 26 | White Clay & sand | 120 | 128 | Lime & sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 42 | Fine sand & clay streaks | 128 | 139 | Fine sand & clay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 42 | Lime | 130 | 150 | Sand, med. to coarse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 45 | Fine Sand | 150 | 151 | Cliche | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 60 | Sand & Gravel | 151 | 178 | Sand & Gravel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 70 | Cemented sand & sandy clay | 178 | 180 | Clay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 90 | Sand, Med to coarse | 180 | 185 | Sandy clay & sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | 97 | Cemented sand & clay | 185 | 191 | Red Rock | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) .. <u>5/19/12</u> ... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>223</u> This Water Well Record was completed on (mo/day/year) .. <u>6/14/12</u> under the business name of <u>DUNHAM DRILLING INC.</u> by (signature) <u>Karen Dunham</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each <u>constructed</u> well. Visit us at http://www.kdheks.gov/waterwell/index.html . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|-----|-----|-------------------------------|
| 191 | 225 | Yellow clay & light gray clay |
| 225 | 247 | Sandstone & clay |
| 247 | 255 | Shale |