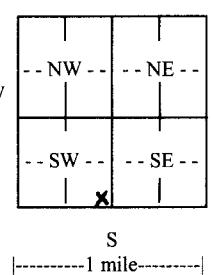


## WATER WELL RECORD

## Form WWC-5

Division of Water Resources App. No. 

<b>1 LOCATION OF WATER WELL:</b> County: <u>Gray</u>		Fraction <u>1/4 SE 1/4 SE 1/4 SW 1/4</u>	Section Number <u>23</u>	Township No. <u>T 26 S</u>	Range Number <u>R 28 E NW</u>																																																																																				
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input checked="" type="checkbox"/>																																																																																									
<b>2 WATER WELL OWNER:</b> RR#, Street Address, Box #: <u>17A Rd.</u> City, State, ZIP Code : <u>Cimarron, KS 67835</u>		<b>Global Positioning System (GPS) information:</b> 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 <b>Collection Method:</b> <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																																																																																							
<b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b>  		<b>4 DEPTH OF COMPLETED WELL</b> <u>495'</u> ft. Depth(s) Groundwater Encountered (1) ..... ft. (2) ..... ft. (3) ..... ft. <b>WELL'S STATIC WATER LEVEL</b> <u>207</u> ft. below land surface measured on mo/day/yr. <u>5/5/11</u> Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm <b>EST. YIELD</b> ..... gpm. Well water was ..... ft. after ..... hours pumping ..... gpm Bore Hole Diameter ..... in. to ..... ft., and ..... in. to ..... ft. <b>WELL WATER TO BE USED AS:</b> <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input checked="" 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 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																																																																																							
<b>5 TYPE OF CASING USED:</b> <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other ..... <b>CASING JOINTS:</b> <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft. Casing height above land surface ..... in., Weight ..... lbs./ft., Wall thickness or gauge No. <u>SPL 21</u> <b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Steel</td> <td><input type="checkbox"/> Stainless Steel</td> <td><input checked="" type="checkbox"/> PVC</td> <td><input type="checkbox"/> Other (Specify) .....</td> </tr> <tr> <td><input type="checkbox"/> Brass</td> <td><input type="checkbox"/> Galvanized Steel</td> <td><input type="checkbox"/> None used (open hole)</td> <td></td> </tr> </table> <b>SCREEN OR PERFORATION OPENINGS ARE:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Continuous slot</td> <td><input checked="" type="checkbox"/> Mill slot</td> <td><input type="checkbox"/> Gauze wrapped</td> <td><input type="checkbox"/> Torch cut</td> <td><input type="checkbox"/> Drilled holes</td> <td><input type="checkbox"/> None (open hole)</td> </tr> <tr> <td><input type="checkbox"/> Louvered shutter</td> <td><input type="checkbox"/> Key punched</td> <td><input type="checkbox"/> Wire wrapped</td> <td><input type="checkbox"/> Saw cut</td> <td><input type="checkbox"/> Other (specify) .....</td> <td></td> </tr> </table> <b>SCREEN-PERFORATED INTERVALS:</b> From ..... <u>395</u> ft. to ..... <u>495</u> ft., From ..... ft. to ..... ft. From ..... ft. to ..... ft., From ..... ft. to ..... ft. <b>GRAVEL PACK INTERVALS:</b> From ..... <u>24</u> ft. to ..... <u>220</u> ft., From ..... <u>230</u> ft. to ..... <u>495</u> ft. From ..... ft. to ..... ft., From ..... ft. to ..... ft.						<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)		<input type="checkbox"/> Continuous slot	<input checked="" 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 type="checkbox"/> Saw cut	<input type="checkbox"/> Other (specify) .....																																																																	
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<b>6 GROUT MATERIAL:</b> <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other ..... <b>Grout Intervals:</b> From ..... <u>4</u> ft. to ..... <u>24</u> ft., From ..... <u>220</u> ft. to ..... <u>230</u> ft., From ..... ft. to ..... ft. <b>What is the nearest source of possible contamination:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Septic tank</td> <td><input type="checkbox"/> Lateral lines</td> <td><input type="checkbox"/> Pit privy</td> <td><input type="checkbox"/> Livestock pens</td> <td><input type="checkbox"/> Insecticide storage</td> <td><input type="checkbox"/> Other (specify below)</td> </tr> <tr> <td><input type="checkbox"/> Sewer lines</td> <td><input type="checkbox"/> Cesspool</td> <td><input type="checkbox"/> Sewage lagoon</td> <td><input type="checkbox"/> Fuel storage</td> <td><input checked="" type="checkbox"/> Abandoned water well</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Watertight sewer lines</td> <td><input type="checkbox"/> Seepage pit</td> <td><input type="checkbox"/> Feedyard</td> <td><input type="checkbox"/> Fertilizer storage</td> <td><input type="checkbox"/> Oil well/gas well</td> <td></td> </tr> </table> Direction from well ..... <u>Southwest</u> ..... Distance from well ..... <u>25</u> ..... <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><u>0</u></td> <td><u>2</u></td> <td><u>Sandy Topsoil</u></td> <td><u>250</u></td> <td><u>252</u></td> <td><u>Sandstone</u></td> </tr> <tr> <td><u>2</u></td> <td><u>10</u></td> <td><u>Fine Sand</u></td> <td><u>252</u></td> <td><u>340</u></td> <td><u>Shale + Sandstone layers</u></td> </tr> <tr> <td><u>10</u></td> <td><u>30</u></td> <td><u>Tan Clay</u></td> <td><u>340</u></td> <td><u>350</u></td> <td><u>Sandstone</u></td> </tr> <tr> <td><u>30</u></td> <td><u>50</u></td> <td><u>Tan Sandy + caliche</u></td> <td><u>350</u></td> <td><u>415</u></td> <td><u>Shale + Sandstone layers</u></td> </tr> <tr> <td><u>50</u></td> <td><u>125</u></td> <td><u>Course Sand</u></td> <td><u>415</u></td> <td><u>420</u></td> <td><u>Sandstone</u></td> </tr> <tr> <td><u>125</u></td> <td><u>200</u></td> <td><u>Tan Sandy Clay</u></td> <td><u>420</u></td> <td><u>440</u></td> <td><u>Shale</u></td> </tr> <tr> <td><u>200</u></td> <td><u>201</u></td> <td><u>Limestone + Shale</u></td> <td><u>460</u></td> <td><u>495</u></td> <td><u>Sandstone</u></td> </tr> <tr> <td><u>201</u></td> <td><u>235</u></td> <td><u>Shale</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>235</u></td> <td><u>237</u></td> <td><u>Sandstone</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>237</u></td> <td><u>250</u></td> <td><u>Shale + rock ledges</u></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						<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 checked="" 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		FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	<u>0</u>	<u>2</u>	<u>Sandy Topsoil</u>	<u>250</u>	<u>252</u>	<u>Sandstone</u>	<u>2</u>	<u>10</u>	<u>Fine Sand</u>	<u>252</u>	<u>340</u>	<u>Shale + Sandstone layers</u>	<u>10</u>	<u>30</u>	<u>Tan Clay</u>	<u>340</u>	<u>350</u>	<u>Sandstone</u>	<u>30</u>	<u>50</u>	<u>Tan Sandy + caliche</u>	<u>350</u>	<u>415</u>	<u>Shale + Sandstone layers</u>	<u>50</u>	<u>125</u>	<u>Course Sand</u>	<u>415</u>	<u>420</u>	<u>Sandstone</u>	<u>125</u>	<u>200</u>	<u>Tan Sandy Clay</u>	<u>420</u>	<u>440</u>	<u>Shale</u>	<u>200</u>	<u>201</u>	<u>Limestone + Shale</u>	<u>460</u>	<u>495</u>	<u>Sandstone</u>	<u>201</u>	<u>235</u>	<u>Shale</u>				<u>235</u>	<u>237</u>	<u>Sandstone</u>				<u>237</u>	<u>250</u>	<u>Shale + rock ledges</u>			
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<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <input type="checkbox"/> constructed, <input checked="" type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) <u>5/5/11</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>533</u> This Water Well Record was completed on (mo/day/year) <u>12/13/11</u> under the business name of <u>Tantzen Water Well</u> by (signature) <u>J. Tantzen</u>																																																																																									
<b>INSTRUCTIONS:</b> 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 785-296-5524. 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 <a href="http://www.kdheks.gov/waterwell/index.html">http://www.kdheks.gov/waterwell/index.html</a> .																																																																																									