

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Stafford</u> Fraction: <u>1/4 SE 1/4 SW 1/4 SE 1/4</u>		Section Number <u>32</u> Township No. <u>T 23 S</u> Range Number <u>R 13 E W</u>																																		
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ <u>South of Well #6 at W. 3rd Ave. and N. Central Ave. in St. John</u>		Global Positioning System (GPS) information: Latitude: <u>38.001203</u> (in decimal degrees) Longitude: <u>-98.770932</u> (in decimal degrees) Elevation: <u>unknown</u> Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27 Collection Method: ☒ GPS unit (Make/Model: <u>WAAS</u>) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☐ <3 m, ☒ 3-5 m, ☐ 5-15 m, ☐ >15 m																																		
2 WATER WELL OWNER: City of St. John RR#, Street Address, Box #: <u>P.O. Box 367</u> City, State, ZIP Code : <u>St. John, KS 67576</u>																																				
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E --NW-- --NE-- --SW-- --SE-- S -----1 mile-----		4 DEPTH OF COMPLETED WELL <u>109</u> ft. Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL not checked ft. below land surface measured on mo/day/yr Pump test data: Well water was not checked ft. after _____ hours pumping _____ gpm EST. YIELD unknown gpm. Well water was _____ ft. after _____ hours pumping _____ gpm Bore Hole Diameter <u>6</u> in. to <u>115</u> ft., and _____ in. to _____ ft. WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well ☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below) ☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☒ Monitoring well Was a chemical/bacteriological sample submitted to Department? ☐ Yes ☒ No If yes, mo/day/yr sample was submitted _____ Water well disinfected? ☐ Yes ☒ No																																		
5 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☐ Threaded Bolted Casing diameter <u>2</u> in. to <u>101</u> ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft. Casing height above land surface <u>36</u> in., Weight <u>.70</u> lbs./ft., Wall thickness or gauge No. <u>.154</u> TYPE OF SCREEN OR PERFORATION MATERIAL: ☐ Steel ☐ Stainless Steel ☒ PVC ☐ Other (Specify) _____ ☐ Brass ☐ Galvanized Steel ☐ None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: ☐ Continuous slot ☒ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole) ☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ Other (specify) _____ SCREEN-PERFORATED INTERVALS: From <u>101</u> ft. to <u>106</u> ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>97</u> ft. to <u>115</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																				
6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other Grout Intervals: From _____ ft. to _____ ft., From <u>3</u> ft. to <u>97</u> ft., From _____ ft. to _____ ft. What is the nearest source of possible contamination: ☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☒ Other (specify below) _____ ☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well ☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well None known Direction from well _____ Distance from well _____																																				
<table border="1"><thead><tr><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th></tr></thead><tbody><tr><td>0</td><td>5</td><td>Topsoil</td></tr><tr><td>5</td><td>25</td><td>Sand, coarse to fine, with gravel, fine, medium, loose, clean</td></tr><tr><td>25</td><td>45</td><td>Sand, coarse to very fine, loose, clean, clay streak at 34' and 37', tan, soft</td></tr><tr><td>45</td><td>76</td><td>Sand, coarse to very fine, with gravel, coarse, medium, and fine, loose, clean, clay streak at 47', tan, hard</td></tr><tr><td>76</td><td>102</td><td>Clay, gray and tan, hard</td></tr><tr><td>102</td><td>106</td><td>Sand, coarse to very fine, with gravel,</td></tr></tbody></table>		FROM	TO	LITHOLOGIC LOG	0	5	Topsoil	5	25	Sand, coarse to fine, with gravel, fine, medium, loose, clean	25	45	Sand, coarse to very fine, loose, clean, clay streak at 34' and 37', tan, soft	45	76	Sand, coarse to very fine, with gravel, coarse, medium, and fine, loose, clean, clay streak at 47', tan, hard	76	102	Clay, gray and tan, hard	102	106	Sand, coarse to very fine, with gravel,	<table border="1"><thead><tr><th>FROM</th><th>TO</th><th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th></tr></thead><tbody><tr><td></td><td></td><td>medium to fine and coarse, loose, drift</td></tr><tr><td>106</td><td>107</td><td>Shale, weathered, soft</td></tr><tr><td>107</td><td>115</td><td>Shale, dark gray, hard</td></tr></tbody></table>		FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS			medium to fine and coarse, loose, drift	106	107	Shale, weathered, soft	107	115	Shale, dark gray, hard
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) <u>5/3/10</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>185</u> This Water Well Record was completed on (mo/day/year) <u>5/18/10</u> under the business name of <u>Clarke Well & Equipment, Inc.</u> by (signature) _____																																				
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT 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 constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html																																				