

1 LOCATION OF WATER WELL: County: <u>Leavenworth</u>		Fraction <u>NE 1/4 NW 1/4 SW 1/4</u>	Section Number <u>21</u>	Township Number <u>T 12 S</u>	Range Number <u>R 22 E W</u>																																																												
Distance and direction from nearest town or city street address of well if located within city? <u>Approximately 3/4 mile north and 3/4 mile west of DeSoto</u>			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>38.992509</u> Longitude: <u>-94.978821</u> Elevation: <u>Unknown</u> Datum: <u>NAD83</u> Data Collection Method: <u>WAAS GPS Unit</u>																																																														
2 WATER WELL OWNER: <u>City of Olathe</u> RR#, St. Address, Box # : <u>P.O. Box 768</u> City, State, ZIP Code : <u>Olathe, KS 66051-0768</u>																																																																	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;">N <table border="1" style="margin: auto; border-collapse: collapse;"><tr><td style="padding: 2px;">--NW--</td><td style="padding: 2px;">--NE--</td></tr><tr><td style="text-align: center; padding: 2px;">X</td><td></td></tr><tr><td style="padding: 2px;">--SW--</td><td style="padding: 2px;">--SE--</td></tr></table> S</div>	--NW--	--NE--	X		--SW--	--SE--	4 DEPTH OF COMPLETED WELL <u>73</u> ft. Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL <u>31</u> ft. below land surface measured on <u>mo/day/yr</u> <u>12-19-06</u> Pump test data: Well water was <u>Not checked</u> ft. after _____ hours pumping _____ gpm Est. Yield <u>Unknown</u> gpm: Well water was _____ ft. after _____ hours pumping _____ gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering <u>12</u> Other (Specify below) _____ 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well _____ Test Well Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>✓</u> If yes, mo/day/yr _____ Sample was submitted _____ Water well disinfected? Yes _____ No <u>✓</u>																																																										
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5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued <u>✓</u> Clamped _____ 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) _____ Welded _____ <u>2</u> PVC 4 ABS 7 Fiberglass _____ Threaded _____ Blank casing diameter <u>16</u> in. to <u>61.5</u> ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft. Casing height above land surface <u>24</u> in., weight <u>16.15</u> lbs./ft. Wall thickness or gauge No. <u>.500</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS <u>11</u> Other (Specify) <u>Carbon Steel</u> 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <u>1</u> Continuous slot 3 Mill slot 5 Gauzed 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) _____ SCREEN-PERFORATED INTERVALS: From <u>61.5</u> ft. to <u>71</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>26</u> ft. to <u>71</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																	
6 GROUT MATERIAL: 1 Neat Cement 2 Cement grout 3 Bentonite <u>4</u> Other <u>Bentonite Holeplug</u> Grout Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From <u>0</u> ft. to <u>26</u> ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage <u>16</u> Other (specify below) _____ 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well _____ 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well <u>None known</u> Direction from well? _____ How many feet? _____																																																																	
<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>PLUGGING INTERVALS</th></tr></thead><tbody><tr><td>0</td><td>3</td><td>Topsoil</td><td></td><td></td><td></td></tr><tr><td>3</td><td>24</td><td>Clay, tan, silty, with sand, very fine</td><td></td><td></td><td></td></tr><tr><td>24</td><td>38</td><td>Sand and gravel, fine to medium</td><td></td><td></td><td></td></tr><tr><td>38</td><td>38.5</td><td>Clay, gray</td><td></td><td></td><td></td></tr><tr><td>38.5</td><td>51</td><td>Sand and gravel, fine to medium</td><td></td><td></td><td></td></tr><tr><td>51</td><td>51.5</td><td>Clay, black</td><td></td><td></td><td></td></tr><tr><td>51.5</td><td>58</td><td>Sand and gravel, fine to medium</td><td></td><td></td><td></td></tr><tr><td>58</td><td>60</td><td>Sand and gravel, fine to medium, coarse, with 2" and 4" flat rocks</td><td></td><td></td><td></td></tr><tr><td>60</td><td>71</td><td>Sand and gravel, fine to medium, coarse</td><td></td><td></td><td></td></tr></tbody></table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	3	Topsoil				3	24	Clay, tan, silty, with sand, very fine				24	38	Sand and gravel, fine to medium				38	38.5	Clay, gray				38.5	51	Sand and gravel, fine to medium				51	51.5	Clay, black				51.5	58	Sand and gravel, fine to medium				58	60	Sand and gravel, fine to medium, coarse, with 2" and 4" flat rocks				60	71	Sand and gravel, fine to medium, coarse			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> (2) reconstructed (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>12-19-06</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>12-27-06</u> Under the business name of <u>Clarke Well & Equipment, Inc.</u> by (signature) <u>[Signature]</u> INSTRUCTIONS: 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 constructed well.																																																																	