

<b>1 LOCATION OF WATER WELL:</b> County: <u>Harvey</u>		Fraction <u>NE 1/4 NE 1/4 NW 1/4</u>	Section Number <u>8</u>	Township Number <u>T 24 S</u>	Range Number <u>R 2 E</u> <b>(W)</b>																																																												
Distance and direction from nearest town or city street address of well if located within city: <u>Approximately 1/2 mile south and 2 1/2 miles west of Halstead</u>			<b>Global Positioning Systems</b> (decimal degrees, min. of 4 digits) Latitude: <u>37.984641</u> Longitude: <u>-97.565615</u> Elevation: <u>Unknown</u> Datum: <u>NAD83</u> Data Collection Method: <u>WAAS GPS Unit</u>																																																														
<b>2 WATER WELL OWNER:</b> City of Wichita RR#, St. Address, Box # : <u>12th Floor - City Building</u> City, State, ZIP Code : <u>455 N. Main</u> <u>Wichita, KS 67202</u>																																																																	
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> <div style="text-align: center;">N <table border="1" style="margin: auto; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: center;">X</td><td style="width: 20px; height: 20px;"></td></tr><tr><td style="text-align: center;">--NW--</td><td style="text-align: center;">--NE--</td><td></td></tr><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr><tr><td style="text-align: center;">--SW--</td><td style="text-align: center;">--SE--</td><td></td></tr></table> S</div>		X		--NW--	--NE--					--SW--	--SE--		<b>4 DEPTH OF COMPLETED WELL</b> <u>247</u> ft. Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL <u>27</u> ft. below land surface measured on mo/day/yr <u>04/02/09</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: <b>(5)</b> Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes _____ No <input checked="" type="checkbox"/> If yes, mo/day/yr _____ Sample was submitted _____ Water well disinfected? Yes <input checked="" type="checkbox"/> No _____																																																				
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<b>5 TYPE OF CASING USED:</b> 1 Steel 3 RMP (SR) 6 Asbestos-Cement <b>(9)</b> Other (specify below) _____ 2 PVC 4 ABS 7 Fiberglass <u>Carbon Steel &amp; Stainless Steel</u> Blank casing diameter 18 (CS, SS) in. to <u>80</u> ft., Diameter 18 (CS, SS) in. to <u>100-149</u> ft., Diameter 18 (CS, SS) in. to <u>161-210</u> ft. Casing height above land surface <u>12</u> in., weight <u>93.5</u> lbs./ft. Wall thickness or gauge No. <u>.500</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel <b>(3)</b> Stainless Steel 5 Fiberglass 7 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) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched <b>(6)</b> Wire wrapped 8 Saw Cut 10 Other (Specify) _____ SCREEN-PERFORATED INTERVALS: From <u>80</u> ft. to <u>100</u> ft., From <u>149</u> ft. to <u>161</u> ft. From <u>210</u> ft. to <u>241</u> ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>21</u> ft. to <u>253</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																	
<b>6 GROUT MATERIAL:</b> 1 Neat Cement <b>(2)</b> Cement grout <b>(3)</b> Bentonite 4 Other _____ Grout Intervals: From <u>0</u> ft. to <u>20</u> ft., From <u>20</u> ft. to <u>22</u> 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 <b>(16)</b> Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well <u>None known</u> 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well 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>4</td><td>Topsoil</td><td>209</td><td>241</td><td>Sand and gravel, fine, medium</td></tr><tr><td>4</td><td>14</td><td>Clay, gray</td><td>241</td><td>253</td><td>Shale, dark gray</td></tr><tr><td>14</td><td>20</td><td>Sand, fine, medium</td><td></td><td></td><td></td></tr><tr><td>20</td><td>22</td><td>Clay, tan</td><td></td><td></td><td></td></tr><tr><td>22</td><td>101</td><td>Sand and gravel, fine, some clay streaks, thin</td><td></td><td></td><td></td></tr><tr><td>101</td><td>146</td><td>Clay, green</td><td></td><td></td><td></td></tr><tr><td>146</td><td>163</td><td>Sand and gravel, fine, medium, some clay streaks, thin</td><td></td><td></td><td></td></tr><tr><td>163</td><td>183</td><td>Clay, gray</td><td></td><td></td><td></td></tr><tr><td>183</td><td>209</td><td>Clay, gray, with sand streaks</td><td></td><td></td><td></td></tr></tbody></table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	4	Topsoil	209	241	Sand and gravel, fine, medium	4	14	Clay, gray	241	253	Shale, dark gray	14	20	Sand, fine, medium				20	22	Clay, tan				22	101	Sand and gravel, fine, some clay streaks, thin				101	146	Clay, green				146	163	Sand and gravel, fine, medium, some clay streaks, thin				163	183	Clay, gray				183	209	Clay, gray, with sand streaks			
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<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) <u>constructed</u> (2) reconstructed (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>04/02/09</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>04/20/09</u> Under the business name of <u>Clarke Well &amp; Equipment, Inc.</u> by (signature) <u>[Signature]</u> INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT 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.																																																																	

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

HV 006

<b>1 LOCATION OF WATER WELL:</b> County: Harvey	NE 1/4 NE 1/4 NW 1/4	Section Number 8	Township Number T 24 S	Range Number R 2 E <b>W</b>
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**2 WATER WELL OWNER:** City of Wichita  
RR#, St. Address, Box # 12th Floor - City Building  
City, State, ZIP Code 455 N. Main  
Wichita, KS 67202

Blank casing diameter	18 (SS)	in. to	241-246	ft., Dia	in. to	ft., Dia	in. to	ft.
Blank casing diameter		in. to		ft., Dia	in. to	ft., Dia	in. to	ft.
Blank casing diameter		in. to		ft., Dia	in. to	ft., Dia	in. to	ft.

SCREEN-PERFORATED INTERVALS:	From	ft. to	ft., From	ft. to	ft.
	From	ft. to	ft., From	ft. to	ft.
	From	ft. to	ft., From	ft. to	ft.
	From	ft. to	ft., From	ft. to	ft.