

<b>1 LOCATION OF WATER WELL:</b> County: <u>Harvey</u>		Fraction <u>1/4 SW 1/4 SW 1/4 NE 1/4</u>	Section Number <u>18</u>	Township No. <u>T 23 S</u>	Range Number <u>R 01</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W																																																																		
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"/> Approximately 5 miles west and 1/2 mile south and 1/3 mile west of Newton			<b>Global Positioning System (GPS) information:</b> Latitude: <u>38.050427</u> (in decimal degrees) Longitude: <u>-97.470957</u> (in decimal degrees) Elevation: <u>unknown</u> Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: <u>WAAS</u> ) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input checked="" type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m																																																																				
<b>2 WATER WELL OWNER:</b> <u>City of North Newton</u> RR#, Street Address, Box #: <u>2601 N. Main St</u> City, State, ZIP Code : <u>North Newton, KS 67117</u>																																																																							
<b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> <div style="text-align: center;">N W <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>--NW--</td><td>--NE--</td></tr><tr><td style="text-align: center;">x</td><td></td></tr><tr><td>--SW--</td><td>--SE--</td></tr></table> E S  ----- 1 mile ----- </div>	--NW--	--NE--	x		--SW--	--SE--	<b>4 DEPTH OF COMPLETED WELL</b> <u>105</u> ft. Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL <u>27.58</u> ft. below land surface measured on mo/day/yr _____ Pump test data: Well water was <u>not checked</u> ft. after _____ hours pumping _____ gpm EST. YIELD _____ gpm. Well water was _____ ft. after _____ hours pumping _____ gpm Bore Hole Diameter <u>5</u> in. to <u>110</u> ft., and _____ in. to _____ ft. 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 checked="" type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well <b>Observation Well</b> 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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<b>5 TYPE OF CASING USED:</b> <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>2</u> in. to <u>73</u> ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft. Casing height above land surface <u>24</u> in., Weight <u>70</u> lbs./ft., Wall thickness or gauge No. <u>154</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 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) _____ SCREEN-PERFORATED INTERVALS: From <u>73</u> ft. to <u>103</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>65</u> ft. to <u>110</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																							
<b>6 GROUT MATERIAL:</b> <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ Grout Intervals: From _____ ft. to _____ ft., From <u>0</u> ft. to <u>65</u> ft., From _____ ft. to _____ ft. 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 checked="" 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 <b>None known</b> 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>3</td><td>Topsoil</td><td>84</td><td>92</td><td>Clay, red, brown, yellow, gray</td></tr><tr><td>3</td><td>21</td><td>Clay, brown, sandy</td><td>92</td><td>96</td><td>Sand, fine to coarse, gravel, fine</td></tr><tr><td>21</td><td>29</td><td>Clay, gray, brown</td><td>96</td><td>97</td><td>Cemented sand</td></tr><tr><td>29</td><td>39</td><td>Sand, fine to coarse</td><td>97</td><td>104</td><td>Sand, fine to coarse, with shale pieces</td></tr><tr><td>39</td><td>45</td><td>Clay, gray, brown</td><td>104</td><td>106</td><td>Clay, green, yellow</td></tr><tr><td>45</td><td>50</td><td>Clay, gray, green</td><td>106</td><td>107</td><td>Shale, green</td></tr><tr><td>50</td><td>65</td><td>Clay, gray, brown</td><td>107</td><td>110</td><td>Shale, black</td></tr><tr><td>65</td><td>68</td><td>Sand, fine to medium</td><td></td><td></td><td></td></tr><tr><td>68</td><td>73</td><td>Clay, brown, gray</td><td></td><td></td><td></td></tr><tr><td>73</td><td>84</td><td>Sand, fine to coarse, gravel, fine</td><td></td><td></td><td></td></tr></tbody></table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	3	Topsoil	84	92	Clay, red, brown, yellow, gray	3	21	Clay, brown, sandy	92	96	Sand, fine to coarse, gravel, fine	21	29	Clay, gray, brown	96	97	Cemented sand	29	39	Sand, fine to coarse	97	104	Sand, fine to coarse, with shale pieces	39	45	Clay, gray, brown	104	106	Clay, green, yellow	45	50	Clay, gray, green	106	107	Shale, green	50	65	Clay, gray, brown	107	110	Shale, black	65	68	Sand, fine to medium				68	73	Clay, brown, gray				73	84	Sand, fine to coarse, gravel, fine			
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<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> 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>04/06/11</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>04/15/11</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 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 <a href="http://www.kdheks.gov/waterwell/index.html">http://www.kdheks.gov/waterwell/index.html</a> .																																																																							