

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																					
County: Harvey		NW 1/4 SW 1/4 NW 1/4		8		T 23 S		R 2 E (W)																																																																																					
Distance and direction from nearest town or city street address of well if located within city? Approximately 3 miles west and 4 3/4 miles north of Halstead																																																																																													
2 WATER WELL OWNER: Burns & McDonnell RR#, St. Address, Box #: 9400 Ward Parkway City, State, ZIP Code: Kansas City, MO 64114 Board of Agriculture, Division of Water Resources Application Number:																																																																																													
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 136 ft. ELEVATION: unknown																																																																																											
		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 6 in. to 140 ft., and _____ in. to _____ ft. WELL WATER TO BE USED AS: 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 Piezometer 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 _____ No <input checked="" type="checkbox"/>																																																																																											
		5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded Blank casing diameter 2 in. to 114 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height above land surface 24 in., weight .70 lbs./ft. Wall thickness or gauge No 154																																																																																											
		TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify) _____ ft.																																																																																											
		SCREEN-PERFORATED INTERVALS: From 114 ft. to 134 ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 109 ft. to 140 ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																											
		6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Bentonite Holeplug Grout Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From 0 ft. to 109 ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage None known 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></td><td></td><td></td></tr> <tr><td>4</td><td>11</td><td>Clay, tan, hard</td><td></td><td></td><td></td></tr> <tr><td>11</td><td>23</td><td>Clay, dark gray, hard</td><td></td><td></td><td></td></tr> <tr><td>23</td><td>36</td><td>Sand and gravel, medium to fine</td><td></td><td></td><td></td></tr> <tr><td>36</td><td>52</td><td>Clay, gray, green, hard</td><td></td><td></td><td></td></tr> <tr><td>52</td><td>84</td><td>Sand and gravel, medium to fine with clay streaks</td><td></td><td></td><td></td></tr> <tr><td>84</td><td>92</td><td>Clay, brown, hard</td><td></td><td></td><td></td></tr> <tr><td>92</td><td>134</td><td>Sand and gravel, medium to fine with clay streaks</td><td></td><td></td><td></td></tr> <tr><td>134</td><td>140</td><td>Shale, green and red, limy, hard</td><td></td><td></td><td></td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	4	Topsoil				4	11	Clay, tan, hard				11	23	Clay, dark gray, hard				23	36	Sand and gravel, medium to fine				36	52	Clay, gray, green, hard				52	84	Sand and gravel, medium to fine with clay streaks				84	92	Clay, brown, hard				92	134	Sand and gravel, medium to fine with clay streaks				134	140	Shale, green and red, limy, hard																											
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8-19-05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 185 This Water Well Record was completed on (mo/day/yr) 9-8-05 under the business name of Clarke Well & Equipment, Inc. by (signature) <i>Clarke Well & Equipment</i>																																																																																													
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, Topeka, Kansas 66620-0001. Telephone 785-296-5524. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.																																																																																													