

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction SW 1/4 SW 1/4 NW 1/4		Section Number 31	Township Number T 28 S	Range Number R 2 E/W																																																																																				
Distance and direction from nearest town or city street address of well if located within city? Approximately 1/2 mile north of Derby																																																																																										
2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :		City of Derby 611 Mulberry Derby, KS 67037 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: 57 ft. ELEVATION: unknown																																																																																								
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL not ch'd ft. below land surface measured on mo/day/yr Pump test data: Well water was not ch'd ft. after hours pumping gpm Est. Yield unknown gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter: 5 in. to 7.5 ft., and in. to ft. 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 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well Test Well Was a chemical/bacteriological sample submitted to Department? Yes No X ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No X																																																																																								
		5 TYPE OF BLANK CASING USED:																																																																																								
		1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded Blank casing diameter 2 in. to 35 ft., Dia in. to ft., Dia in. to ft. Casing height above land surface 24 in., weight .44 lbs./ft. Wall thickness or gauge No. .091 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)																																																																																								
		SCREEN-PERFORATED INTERVALS: From 35 ft. to 55 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 25 ft. to 58 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 25 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>PROPOSED MAXIMUM</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>3</td> <td>Topsoil</td> <td>45</td> <td>54</td> <td>Sand, fine, medium, coarse</td> </tr> <tr> <td>3</td> <td>8</td> <td>Clay, brown</td> <td>54</td> <td>60</td> <td>Shale, yellow, gray</td> </tr> <tr> <td>8</td> <td>15</td> <td>Clay, dark brown</td> <td>60</td> <td>70</td> <td>Shale, yellow, broken limestone</td> </tr> <tr> <td>15</td> <td>18</td> <td>Clay, gray to tan</td> <td>70</td> <td>75</td> <td>Shale, gray, hard</td> </tr> <tr> <td>18</td> <td>23</td> <td>Clay, light brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23</td> <td>25</td> <td>Sand, fine</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>28</td> <td>Sand, fine with clay layer</td> <td></td> <td></td> <td></td> </tr> <tr> <td>28</td> <td>33</td> <td>Sand, fine, medium</td> <td></td> <td></td> <td></td> </tr> <tr> <td>33</td> <td>33.5</td> <td>Limestone, hard</td> <td></td> <td></td> <td></td> </tr> <tr> <td>33.5</td> <td>37</td> <td>Clay, tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>37</td> <td>40</td> <td>Sand, fine, medium</td> <td></td> <td></td> <td></td> </tr> <tr> <td>40</td> <td>42</td> <td>Sand and gravel, fine, medium, coarse</td> <td></td> <td></td> <td></td> </tr> <tr> <td>42</td> <td>45</td> <td>Broken limestone with sand and gravel</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	PROPOSED MAXIMUM	0	3	Topsoil	45	54	Sand, fine, medium, coarse	3	8	Clay, brown	54	60	Shale, yellow, gray	8	15	Clay, dark brown	60	70	Shale, yellow, broken limestone	15	18	Clay, gray to tan	70	75	Shale, gray, hard	18	23	Clay, light brown				23	25	Sand, fine				25	28	Sand, fine with clay layer				28	33	Sand, fine, medium				33	33.5	Limestone, hard				33.5	37	Clay, tan				37	40	Sand, fine, medium				40	42	Sand and gravel, fine, medium, coarse				42	45	Broken limestone with sand and gravel			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 1-12-98 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) 2-6-98 under the business name of Clarke Well & Equipment, Inc. by (signature) <i>[Signature]</i>																																																																																										
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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																										