

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																													
County: <u>Harvey</u>		<u>N</u> $\frac{1}{4}$ <u>W</u> $\frac{1}{4}$		<u>18</u>		<u>T</u> <u>23</u> <u>S</u>		<u>R</u> <u>1</u> <u>EW</u>																																																													
Distance and direction from nearest town or city street address of well if located within city? <u>Town of Newton</u>																																																																					
2 WATER WELL OWNER: <u>Frank B Kessler</u>																																																																					
RR#, St. Address, Box # : <u>67114-1004 Columbus</u>						Board of Agriculture, Division of Water Resources																																																															
City, State, ZIP Code: <u>Newton Kansas</u>						Application Number:																																																															
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>69</u> ft. ELEVATION:																																																																			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.																																																																			
		WELL'S STATIC WATER LEVEL <u>20</u> ft. below land surface measured on mo/day/yr <u>Oct 1, 1986</u>																																																																			
		Pump test data: Well water was <u>40</u> ft. after <u>1</u> hours pumping <u>15</u> gpm																																																																			
		Est. Yield <u>15</u> gpm: Well water was ft. after hours pumping gpm																																																																			
		Bore Hole Diameter <u>8</u> in. to <u>69</u> 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 Lawn and garden only 10 Observation well																																																																					
Was a chemical/bacteriological sample submitted to Department? Yes.....No <u>X</u>; If yes, mo/day/yr sample was submitted																																																																					
Water Well Disinfected? Yes <u>X</u> No																																																																					
5 TYPE OF BLANK CASING USED:																																																																					
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded <u>X</u> 7 Fiberglass <u>SDR 26</u> Threaded																																																																					
Blank casing diameter <u>5</u> in. to <u>69</u> ft., Dia in. to ft.																																																																					
Casing height above land surface <u>18</u> in., weight <u>200</u> lbs./ft. Wall thickness or gauge No. <u>3/16</u>																																																																					
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) <u>SDR 26</u> 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)																																																																					
SCREEN-PERFORATED INTERVALS: From <u>34</u> ft. to <u>64</u> ft., From ft. to ft.																																																																					
GRAVEL PACK INTERVALS: From <u>15</u> ft. to <u>69</u> ft., From ft. to ft.																																																																					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																					
Grout Intervals: From <u>top</u> ft. to <u>15</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 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																																																																					
Direction from well? <u>E</u> How many feet? <u>12</u>																																																																					
<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>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr> <td><u>top</u></td> <td><u>4</u></td> <td><u>top soil</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>4</u></td> <td><u>10</u></td> <td><u>Brown clay</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>10</u></td> <td><u>20</u></td> <td><u>Blue clay</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>20</u></td> <td><u>25</u></td> <td><u>Blue sand</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>25</u></td> <td><u>35</u></td> <td><u>Sand</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>35</u></td> <td><u>50</u></td> <td><u>Blue shale</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>50</u></td> <td><u>55</u></td> <td><u>Brown shale</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>55</u></td> <td><u>60</u></td> <td><u>Rocking Blue shale</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>60</u></td> <td><u>69</u></td> <td><u>Blue shale</u></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	<u>top</u>	<u>4</u>	<u>top soil</u>				<u>4</u>	<u>10</u>	<u>Brown clay</u>				<u>10</u>	<u>20</u>	<u>Blue clay</u>				<u>20</u>	<u>25</u>	<u>Blue sand</u>				<u>25</u>	<u>35</u>	<u>Sand</u>				<u>35</u>	<u>50</u>	<u>Blue shale</u>				<u>50</u>	<u>55</u>	<u>Brown shale</u>				<u>55</u>	<u>60</u>	<u>Rocking Blue shale</u>				<u>60</u>	<u>69</u>	<u>Blue shale</u>			
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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) <u>Oct 4, 1986</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>221</u> This Water Well Record was completed on (mo/day/yr) <u>Dec 2, 1986</u> under the business name of <u>Frank B Kessler</u> by (signature) <u>Frank B Kessler</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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																																																					