

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																															
County: <u>Barton</u>		<u>SE</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$		<u>12</u>		<u>T 19 S</u>		<u>R 13 E/W</u>																																																																															
Distance and direction from nearest town or city street address of well if located within city?																																																																																							
<u>Approx. 3 mi. north and 3 mi. east of Great Bend, KS</u>								<u>DW#3</u>																																																																															
2 WATER WELL OWNER: <u>Barton County Landfill</u>																																																																																							
RR#, St. Address, Box # : <u>Box 671</u>						Board of Agriculture, Division of Water Resources																																																																																	
City, State, ZIP Code : <u>Great Bend, KS 67530</u>						Application Number: <u>Not Required</u>																																																																																	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:				4 DEPTH OF COMPLETED WELL: <u>121</u> ft. ELEVATION:																																																																																			
				Depth(s) Groundwater Encountered 1. <u>65</u> ft. 2. _____ ft. 3. _____ ft.																																																																																			
				WELL'S STATIC WATER LEVEL <u>65</u> ft. below land surface measured on mo/day/yr <u>6-20-86</u>																																																																																			
				Pump test data: Well water was <u>NA</u> ft. after _____ hours pumping _____ gpm																																																																																			
				Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																																			
				Bore Hole Diameter <u>6</u> in. to <u>121</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) <u>Monitoring Well</u> 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well																																																																																							
Was a chemical/bacteriological sample submitted to Department? Yes <u>X</u> No _____; If yes, mo/day/yr sample was submitted <u>July, 1986</u>																																																																																							
Water Well Disinfected? Yes _____ No <u>X</u>																																																																																							
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 _____ 7 Fiberglass Threaded <u>X</u>																																																																																							
Blank casing diameter <u>2</u> in. to <u>101</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.																																																																																							
Casing height above land surface <u>32</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>Sch 80</u>																																																																																							
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																																							
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 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) _____																																																																																							
SCREEN-PERFORATED INTERVALS: From <u>101</u> ft. to <u>121</u> ft., From _____ ft. to _____ ft.																																																																																							
From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																							
GRAVEL PACK INTERVALS: From <u>90</u> ft. to <u>121</u> ft., From _____ ft. to _____ ft.																																																																																							
From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																							
6 GROUT MATERIAL: <u>1 Neat cement</u> 2 Cement grout 3 Bentonite 4 Other <u>Bentonite tablets, .88' to 90'</u>																																																																																							
Grout Intervals: From <u>0</u> ft. to <u>88</u> ft., From _____ ft. to _____ 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) <u>Landfill</u> 13 Insecticide storage																																																																																							
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>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>9</td> <td>Gray & tan & brown silty clay</td> <td>81</td> <td>86</td> <td>Multicolored sandy clay</td> </tr> <tr> <td>9</td> <td>15</td> <td>Dark brown silty clay</td> <td>86</td> <td>106</td> <td>Multicolored clay, sand lenses at 100', 103', 109'</td> </tr> <tr> <td>15</td> <td>19</td> <td>Red & brown sandy silty clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>19</td> <td>47</td> <td>Tan & brown sandy silty clay with Caliche beginning at 23'</td> <td>110</td> <td>113.5</td> <td>Multicolored clay, some sand</td> </tr> <tr> <td></td> <td></td> <td></td> <td>113.5</td> <td>121</td> <td>Yellow-gold weathered fine grained sandstone with multicolored clay</td> </tr> <tr> <td>47</td> <td>51</td> <td>Tan & brown sandy silty clay with abundant Caliche</td> <td></td> <td></td> <td></td> </tr> <tr> <td>51</td> <td>57</td> <td>Multicolored Dakota clay with fine to medium gravel in top 5'</td> <td></td> <td></td> <td></td> </tr> <tr> <td>57</td> <td>64</td> <td>Tan & yellow Dakota clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>64</td> <td>69</td> <td>Gray Dakota clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>69</td> <td>71</td> <td>Yellow & gold weathered sandstone with some multicolored clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>71</td> <td>76</td> <td>Multicolored sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>76</td> <td>81</td> <td>Multicolored clay</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	9	Gray & tan & brown silty clay	81	86	Multicolored sandy clay	9	15	Dark brown silty clay	86	106	Multicolored clay, sand lenses at 100', 103', 109'	15	19	Red & brown sandy silty clay				19	47	Tan & brown sandy silty clay with Caliche beginning at 23'	110	113.5	Multicolored clay, some sand				113.5	121	Yellow-gold weathered fine grained sandstone with multicolored clay	47	51	Tan & brown sandy silty clay with abundant Caliche				51	57	Multicolored Dakota clay with fine to medium gravel in top 5'				57	64	Tan & yellow Dakota clay				64	69	Gray Dakota clay				69	71	Yellow & gold weathered sandstone with some multicolored clay				71	76	Multicolored sandy clay				76	81	Multicolored clay			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>6-12-86</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. _____ This Water Well Record was completed on (mo/day/yr) <u>6-24-86</u> under the business name of <u>Kansas Geological Survey</u> by (signature) <u>Michael S. Harkins</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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.																																																																																							