

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																			
County: <u>Barton</u>		<u>SE</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$ <u>SE</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>SW#1</u>																																																																			
2 WATER WELL OWNER: <u>Barton County Landfill</u>																																																																											
RR#, St. Address, Box # : <u>Box 671</u>																																																																											
City, State, ZIP Code : <u>Great Bend, KS 67530</u>																																																																											
Board of Agriculture, Division of Water Resources																																																																											
Application Number: <u>Not Required</u>																																																																											
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>72</u> ft. ELEVATION:																																																																									
		Depth(s) Groundwater Encountered 1. <u>51</u> ft. 2. ft. 3. ft.																																																																									
		WELL'S STATIC WATER LEVEL <u>51</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>72</u> 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 Observation well <u>Monitoring Well</u>																																																																											
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																																																																											
Blank casing diameter <u>2</u> in. to <u>52</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) 9 ABS 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>52</u> ft. to <u>72</u> ft., From ft. to ft.																																																																											
GRAVEL PACK INTERVALS: From <u>47</u> ft. to <u>72</u> ft., From ft. to ft.																																																																											
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other <u>Bentonite Tablets 45' to 47'</u>																																																																											
Grout intervals: From <u>0</u> ft. to <u>45</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) 13 Insecticide storage <u>Landfill</u>																																																																											
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>2</td> <td>Dark Brown silty clay</td> <td>66</td> <td>72</td> <td>Yellow & white sandstone w/some sandy clay</td> </tr> <tr> <td>2</td> <td>7</td> <td>Gray & brown silty clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>13</td> <td>Dark brown, some gray silty clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td>16</td> <td>Brown, gray silty clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>37</td> <td>Tan & lite brown sandy clay w/ Caliche beginning at 25'</td> <td></td> <td></td> <td></td> </tr> <tr> <td>37</td> <td>43</td> <td>Same as above w/much more Caliche</td> <td></td> <td></td> <td></td> </tr> <tr> <td>43</td> <td>57</td> <td>Tan & lite brown sandy clay w/some fine gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>57</td> <td>59</td> <td>Same as above w/free sand and fine gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>59</td> <td>61</td> <td>Multicolored Dakota sandy clay w/ bits of free sandstone</td> <td></td> <td></td> <td></td> </tr> <tr> <td>61</td> <td>66</td> <td>Multicolored sandy clay w/less free sand and sandstone bits</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	2	Dark Brown silty clay	66	72	Yellow & white sandstone w/some sandy clay	2	7	Gray & brown silty clay				7	13	Dark brown, some gray silty clay				13	16	Brown, gray silty clay				16	37	Tan & lite brown sandy clay w/ Caliche beginning at 25'				37	43	Same as above w/much more Caliche				43	57	Tan & lite brown sandy clay w/some fine gravel				57	59	Same as above w/free sand and fine gravel				59	61	Multicolored Dakota sandy clay w/ bits of free sandstone				61	66	Multicolored sandy clay w/less free sand and sandstone bits			
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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>6-18-86</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 E. Pukub</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.																																																																											

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