

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>SEDGWICK</u>		<u>NE 1/4 NE 1/4 SE 1/4</u>	<u>22</u>	T <u>28</u> S	R <u>1</u> E <u>10</u>
Distance and direction from nearest town or city street address of well if located within city? <u>6100 WEST 55TH STREET SO.</u>					
2 WATER WELL OWNER: <u>WESTERN RESOURCES, MURRAY GILL ENERGY CENTER</u>					
RR#, St. Address, Box # : <u>6100 WEST 55TH STREET SO</u>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : <u>WICHITA, KS 67215</u>			Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <u>79</u> ft. ELEVATION: <u>1311</u>			
		Depth(s) Groundwater Encountered 1. <u>31</u> ft. 2. <u>31</u> ft. 3. <u>31</u> ft.			
		WELL'S STATIC WATER LEVEL <u>31</u> ft. below land surface measured on mo/day/yr <u>7/31/00</u>			
		Pump test data: Well water was <u>57'10 1/4"</u> ft. after <u>8</u> hours pumping <u>613</u> gpm			
		Est. Yield <u>600</u> gpm Well water was <u>57'10 1/4"</u> ft. after <u>8</u> hours pumping <u>613</u> gpm			
		Bore Hole Diameter <u>54</u> in. to <u>79</u> ft. and <u>72</u> in. to <u>20</u> 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 <u>4 Industrial</u> 7 Lawn and garden only 10 Monitoring well			
		Was a chemical/bacteriological sample submitted to Department? Yes <u>✓</u> No <u>✓</u> ; If yes, mo/day/yr sample was submitted			
		Water Well Disinfected? Yes <u>✓</u> No <u>✓</u>			
5 TYPE OF BLANK CASING USED:					
1 Steel <u>✓</u> 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>✓</u> Clamped <u>✓</u> 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded <u>✓</u> Blank casing diameter <u>60</u> in. to <u>20</u> ft. Dia <u>16</u> in. to <u>16</u> ft. Dia <u>16</u> in. to <u>16</u> ft. Casing height above land surface <u>24</u> in. weight <u>62.58</u> lbs./ft. Wall thickness or gauge No. <u>0.375</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel <u>4 Stainless steel</u> 5 Fiberglass 7 PVC 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) SCREEN OR PERFORATION OPENINGS ARE: <u>4 Continuous slot</u> 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>79</u> ft. From <u>34</u> ft. to <u>79</u> ft. From <u>34</u> ft. to <u>79</u> ft.					
GRAVEL PACK INTERVALS: From <u>25</u> ft. to <u>79</u> ft. From <u>25</u> ft. to <u>79</u> ft. From <u>25</u> ft. to <u>79</u> ft.					
6 GROUT MATERIAL: 1 Neat cement <u>2 Cement grout</u> <u>3 Bentonite</u> 4 Other					
Grout Intervals: From <u>0</u> ft. to <u>20</u> ft. From <u>0</u> ft. to <u>25</u> ft. From <u>0</u> ft. to <u>25</u> ft.					
What is the nearest source of possible contamination:					
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens <u>14 Abandoned water well</u> 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>99.5' SSW NNE</u> How many feet? <u>99.5'</u>					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	12	RED AND BROWN SILTY CLAY			
12	15	FINE TO COARSE SAND, LT BR. CLAY			
15	25	SAME			
25	47	FINE TO COARSE SAND, SOME MIXED CLAY			
47	48	LIGHT BROWN SANDY CLAY			
48	51	FINE TO COARSE SAND			
51	54	LIGHT BROWN SANDY CLAY			
54	55	FINE TO COARSE SAND			
55	60	LIGHT BROWN STICKY CLAY			
60	83	FINE MEDIUM SAND/CLAY LAYERS			
83	90	SILT			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1) constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>7/29/00</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>581</u> This Water Well Record was completed on (mo/day/yr) <u>8/2/00</u> under the business name of <u>LAYNE WESTERN, A DIV. OF LAYNE CHRISTENSEN</u> by (signature) <u>KENT M. WARTICK</u> DISTRICT MGR.					