

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <b>Pawnee</b>		<b>NW 1/4 NE 1/4 NW 1/4</b>	<b>29</b>	<b>T 21 S</b>	<b>R 15 E</b>
Distance and direction from nearest town or city street address of well if located within city?					
<b>1 mile North and 5.5 miles east of Larned, KS (Well No LEC 2)</b>					
2 WATER WELL OWNER:		Board of Agriculture, Division of Water Resources			
RR#, St. Address, Box # :		Application Number:			
<b>Kansas Geol. Survey</b>		<b>1930 Constant Ave.</b>			
City, State, ZIP Code :		<b>Lawrence, KS 66047 (Apley Property)</b>			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <b>71.80</b> ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL <b>11.27</b> ft. below land surface measured on mo/day/yr <b>9/21/01</b>			
		Pump test data: Well water was <b>14.3</b> ft. after <b>4 hrs.</b> hours pumping <b>30</b> gpm			
		Est. Yield <b>30</b> gpm: Well water was ft. after hours pumping gpm			
		Bore Hole Diameter <b>11.5</b> in. to 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 <b>10 Monitoring well</b>			
Was a chemical/bacteriological sample submitted to Department? Yes No		If yes, mo/day/yr sample was submitted			
5 TYPE OF BLANK CASING USED:		CASING JOINTS: Glued Clamped			
1 Steel    3 RMP (SR) <b>2 PVC</b> 4 ABS 7 Fiberglass		5 Wrought iron    8 Concrete tile 6 Asbestos-Cement    9 Other (specify below) Welded <b>orings</b> Threaded			
Blank casing diameter <b>4</b> in. to <b>6.6</b> ft. Dia.		Casing height above land surface <b>24</b> in., weight lbs./ft. Wall thickness or gauge No. <b>Sch. 40</b>			
TYPE OF SCREEN OR PERFORATION MATERIAL:		<b>7 PVC</b> 10 Asbestos-cement 1 Steel    3 Stainless steel    5 Fiberglass    8 RMP (SR) 2 Brass    4 Galvanized steel    6 Concrete tile    9 ABS    11 Other (specify) 12 None used (open hole)			
SCREEN OR PERFORATION OPENINGS ARE:		<b>3 Mill slot</b> 5 Gauzed wrapped    8 Saw cut    11 None (open hole) 1 Continuous slot    6 Wire wrapped    9 Drilled holes 2 Louvered shutter    4 Key punched    7 Torch cut    10 Other (specify)			
SCREEN-PERFORATED INTERVALS:		From <b>66</b> ft. to <b>71</b> ft. From ft. to ft. From ft. to ft. From ft. to ft.			
GRAVEL PACK INTERVALS:		From <b>formation collapse</b> ft. to ft. From ft. to ft. From ft. to ft. From ft. to ft.			
6 GROUT MATERIAL:		1 Neat cement    2 Cement grout <b>3 Bentonite</b> 4 Other Grout Intervals: From <b>50</b> ft. to <b>60</b> ft. From <b>20</b> ft. to <b>40</b> ft. From <b>0</b> ft. to <b>10</b> 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?		How many feet?			
FROM	TO	LITHOLOGIC LOG		FROM	TO
				PLUGGING INTERVALS	
		<b>lith based on EC profiles</b>			
<b>0</b>	<b>2</b>	<b>top soil</b>			
<b>2</b>	<b>8</b>	<b>dry sand</b>			
<b>8</b>	<b>21</b>	<b>wet sand &amp; gravel w/ silt layers @ 11' &amp; 15'</b>			
<b>21</b>	<b>23</b>	<b>clay</b>			
<b>23</b>	<b>32</b>	<b>sand &amp; gravel</b>			
<b>32</b>	<b>44</b>	<b>clay grading to silt</b>			
<b>44</b>	<b>48</b>	<b>sand &amp; gravel</b>			
<b>48</b>	<b>62</b>	<b>interbedded clay w/sand &amp; gravel lenses</b>			
<b>62</b>	<b>71</b>	<b>sand &amp; gravel</b>			
<b>71</b>	<b>103</b>	<b>clay (shale?)</b>			
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) <b>9/21/01</b> 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) <b>9/26/01</b> under the business name of <b>Kansas Geol. Survey</b> by (signature) <i>John H. Healy</i>					