

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																															
County: <u>LEAVENWORTH</u>		SW 1/4 NW 1/4 SW 1/4		4		T 12 S		R 22 <u>EW</u>																																																																															
Distance and direction from nearest town or city street address of well if located within city? <u>2 1/4 north, 3 1/8 E of Linwood</u>																																																																																							
2 WATER WELL OWNER: <u>Jack Shumaker</u>																																																																																							
RR#, St. Address, Box # : <u>P.O. Box 267</u>																																																																																							
City, State, ZIP Code : <u>Linwood, KS 66052</u>																																																																																							
Board of Agriculture, Division of Water Resources Application Number:																																																																																							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL: <u>100'</u> ft. ELEVATION:																																																																																				
			Depth(s) Groundwater Encountered 1. <u>40-60</u> ft. 2. <u>60-75</u> ft. 3. ft.																																																																																				
			WELL'S STATIC WATER LEVEL <u>40'</u> ft. below land surface measured on mo/day/yr <u>11/13/96</u>																																																																																				
			Pump test data: Well water was ft. after hours pumping gpm																																																																																				
			Est. Yield <u>10</u> gpm: Well water was ft. after hours pumping gpm																																																																																				
			Bore Hole Diameter <u>8 3/4</u> 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 10 Monitoring 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 <u>X</u> Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded																																																																																							
Blank casing diameter <u>5"</u> in. to <u>0-40</u> ft., Dia <u>5"</u> in. to <u>80-99</u> ft., Dia in. to ft.																																																																																							
Casing height above land surface <u>24"</u> in., weight <u>2.82</u> lbs./ft. Wall thickness or gauge No. <u>.258</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>40</u> ft. to <u>80</u> ft., From ft. to ft.																																																																																							
From <u>99</u> ft. to <u>100</u> ft., From ft. to ft.																																																																																							
GRAVEL PACK INTERVALS: From <u>24</u> ft. to <u>100</u> ft., From ft. to ft.																																																																																							
From ft. to ft., From ft. to ft.																																																																																							
6 GROUT MATERIAL:																																																																																							
1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From <u>4</u> ft. to <u>24</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																																																																																							
Direction from well? <u>south</u> How many feet? <u>210'</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>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1</td> <td>Top Soil</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>24</td> <td>Clay-Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>24</td> <td>25</td> <td>FS-Cs-Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>28</td> <td>Clay-Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>28</td> <td>39</td> <td>SS-Brown-Silty</td> <td></td> <td></td> <td></td> </tr> <tr> <td>39</td> <td>75</td> <td>SS-Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>75</td> <td>78</td> <td>Limestone-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>78</td> <td>83</td> <td>Shale-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>83</td> <td>84</td> <td>Limestone-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>84</td> <td>87</td> <td>Shale-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>87</td> <td>93</td> <td>Limestone-grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>93</td> <td>100</td> <td>Shale-Grey</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	1	Top Soil				1	24	Clay-Brown				24	25	FS-Cs-Brown				25	28	Clay-Brown				28	39	SS-Brown-Silty				39	75	SS-Brown				75	78	Limestone-Grey				78	83	Shale-Grey				83	84	Limestone-Grey				84	87	Shale-Grey				87	93	Limestone-grey				93	100	Shale-Grey			
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS																																																																																		
0	1	Top Soil																																																																																					
1	24	Clay-Brown																																																																																					
24	25	FS-Cs-Brown																																																																																					
25	28	Clay-Brown																																																																																					
28	39	SS-Brown-Silty																																																																																					
39	75	SS-Brown																																																																																					
75	78	Limestone-Grey																																																																																					
78	83	Shale-Grey																																																																																					
83	84	Limestone-Grey																																																																																					
84	87	Shale-Grey																																																																																					
87	93	Limestone-grey																																																																																					
93	100	Shale-Grey																																																																																					
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>11/13/96</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>182</u> This Water Well Record was completed on (mo/day/yr) <u>11-27-96</u> under the business name of <u>STRADER DRILLING CO., INC.</u> by (signature) <u>Dale Shumaker</u>																																																																																							