

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number																																																																								
County: <u>Douglas</u>		<u>N 1/4 NE 1/4 SE 1/4</u>	<u>18</u>	T <u>15</u> S	R <u>18</u> <u>EW</u>																																																																								
Distance and direction from nearest town or city street address of well if located within city? <u>3 miles south of Varden</u>																																																																													
2 WATER WELL OWNER: <u>Robert Sawin</u>																																																																													
RR#, St. Address, Box #: <u>3109 Raper Dr.</u>																																																																													
City, State, ZIP Code: <u>Jewell, Kansas 66449</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>131</u> ft. ELEVATION:																																																																											
		Depth(s) Groundwater Encountered 1. <u>110</u> ft. 2. <u>122</u> ft. 3. _____ ft.																																																																											
		WELL'S STATIC WATER LEVEL <u>70</u> ft. below land surface measured on mo/day/yr <u>7-8-96</u>																																																																											
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																											
		Est. Yield <u>7</u> gpm: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																											
		Bore Hole Diameter: <u>8</u> in. to <u>13.1</u> ft., and _____ in. to _____ ft.																																																																											
		WELL WATER TO BE USED AS:																																																																											
		<input checked="" type="checkbox"/> 1 Domestic <input type="checkbox"/> 3 Feedlot <input type="checkbox"/> 6 Oil field water supply <input type="checkbox"/> 9 Dewatering <input type="checkbox"/> 11 Injection well <input type="checkbox"/> 2 Irrigation <input type="checkbox"/> 4 Industrial <input type="checkbox"/> 7 Lawn and garden only <input type="checkbox"/> 10 Monitoring well <input type="checkbox"/> 12 Other (Specify below)																																																																											
		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:																																																																													
<input type="checkbox"/> 1 Steel <input type="checkbox"/> 3 RMP (SR) <input type="checkbox"/> 5 Wrought iron <input type="checkbox"/> 8 Concrete tile CASING JOINTS: Glued <u>X</u> Clamped _____ <input checked="" type="checkbox"/> 2 PVC <input type="checkbox"/> 4 ABS <input type="checkbox"/> 6 Asbestos-Cement <input type="checkbox"/> 9 Other (specify below) Welded _____ <input type="checkbox"/> 7 Fiberglass _____ Threaded _____																																																																													
Blank casing diameter <u>5</u> in. to <u>11.1</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.																																																																													
Casing height above land surface <u>1.4</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>200</u>																																																																													
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																													
<input type="checkbox"/> 1 Steel <input type="checkbox"/> 3 Stainless steel <input type="checkbox"/> 5 Fiberglass <input checked="" type="checkbox"/> 7 PVC <input type="checkbox"/> 10 Asbestos-cement <input type="checkbox"/> 2 Brass <input type="checkbox"/> 4 Galvanized steel <input type="checkbox"/> 6 Concrete tile <input type="checkbox"/> 8 RMP (SR) <input type="checkbox"/> 11 Other (specify) _____ <input type="checkbox"/> 12 None used (open hole)																																																																													
SCREEN OR PERFORATION OPENINGS ARE:																																																																													
<input type="checkbox"/> 1 Continuous slot <input type="checkbox"/> 3 Mill slot <input type="checkbox"/> 5 Gauzed wrapped <input checked="" type="checkbox"/> 8 Saw cut <input type="checkbox"/> 11 None (open hole) <input type="checkbox"/> 2 Louvered shutter <input type="checkbox"/> 4 Key punched <input type="checkbox"/> 6 Wire wrapped <input type="checkbox"/> 9 Drilled holes <input type="checkbox"/> 7 Torch cut <input type="checkbox"/> 10 Other (specify) _____																																																																													
SCREEN-PERFORATED INTERVALS: From <u>121</u> ft. to <u>131</u> ft., From _____ ft. to _____ ft.																																																																													
GRAVEL PACK INTERVALS: From <u>121</u> ft. to <u>80</u> ft., From <u>70</u> ft. to <u>15</u> ft.																																																																													
6 GROUT MATERIAL: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> 2 Cement grout <input checked="" type="checkbox"/> 3 Bentonite <input type="checkbox"/> 4 Other _____																																																																													
Grout Intervals: From <u>121</u> ft. to <u>70</u> ft., From <u>15</u> ft. to <u>5</u> ft., From _____ ft. to _____ ft.																																																																													
What is the nearest source of possible contamination:																																																																													
<input checked="" type="checkbox"/> 1 Septic tank <input type="checkbox"/> 4 Lateral lines <input type="checkbox"/> 7 Pit privy <input type="checkbox"/> 10 Livestock pens <input type="checkbox"/> 14 Abandoned water well <input type="checkbox"/> 2 Sewer lines <input type="checkbox"/> 5 Cess pool <input type="checkbox"/> 8 Sewage lagoon <input type="checkbox"/> 11 Fuel storage <input type="checkbox"/> 15 Oil well/Gas well <input type="checkbox"/> 3 Watertight sewer lines <input type="checkbox"/> 6 Seepage pit <input type="checkbox"/> 9 Feedyard <input type="checkbox"/> 12 Fertilizer storage <input type="checkbox"/> 16 Other (specify below) _____ <input type="checkbox"/> 13 Insecticide storage																																																																													
Direction from well? <u>north</u> How many feet? <u>100</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>4</td> <td><u>Bank top soil</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>5</td> <td><u>Yellow Clay</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>8</td> <td><u>Fine</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>15</td> <td><u>Yellow Clay</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>63</td> <td><u>Shale</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>63</td> <td>70</td> <td><u>Fine</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>70</td> <td>95</td> <td><u>Shale</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>95</td> <td>100</td> <td><u>Fine</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>100</td> <td>110</td> <td><u>Shale</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>110</td> <td>122</td> <td><u>Sand water</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>122</td> <td>131</td> <td><u>Fine</u></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	4	<u>Bank top soil</u>				4	5	<u>Yellow Clay</u>				5	8	<u>Fine</u>				8	15	<u>Yellow Clay</u>				15	63	<u>Shale</u>				63	70	<u>Fine</u>				70	95	<u>Shale</u>				95	100	<u>Fine</u>				100	110	<u>Shale</u>				110	122	<u>Sand water</u>				122	131	<u>Fine</u>			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> (1) constructed, <input type="checkbox"/> (2) reconstructed, or <input type="checkbox"/> (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>7-8-96</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>212</u> This Water Well Record was completed on (mo/day/yr) <u>7-11-96</u> under the business name of <u>Schubert Drilling</u> by (signature) <u>Kenneth Schubert</u>																																																																													