

<b>1 LOCATION OF WATER WELL:</b>		Fraction		Section Number		Township Number		Range Number																																																																																																																																	
County: <u>JEFFERSON</u>		NE 1/4 NE 1/4 SE 1/4		<u>23</u>		T <u>11</u> S		R <u>18</u> E/W																																																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? <u>5/8 E. of Perry</u>																																																																																																																																									
<b>2 WATER WELL OWNER:</b>		Randy Harries RR#, St. Address, Box # : <u>211 E. Bridge St.</u> #1 <u>Heat pump hole</u> Board of Agriculture, Division of Water Resources City, State, ZIP Code : <u>Perry, KS 66073</u> <u>South hole</u> Application Number:																																																																																																																																							
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>		<b>4 DEPTH OF COMPLETED WELL:</b> <u>200'</u> ft. ELEVATION: .....																																																																																																																																							
		Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft. WELL'S STATIC WATER LEVEL <u>0</u> ft. below land surface measured on mo/day/yr ..... Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm Est. Yield ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm Bore Hole Diameter <u>6"</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 <u>HEAT PUMP</u> Was a chemical/bacteriological sample submitted to Department? Yes.....No.....; If yes, mo/day/yr sample was sub- mitted Water Well Disinfected? Yes No																																																																																																																																							
		<b>5 TYPE OF BLANK CASING USED:</b> 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped ..... 2 PVC 2A <u>ABS</u> 6 Asbestos-Cement 9 Other (specify below) Welded ..... 7 Fiberglass Threaded ..... Blank casing diameter <u>2 1/2</u> in. to ..... ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft. Casing height <u>36</u> in., weight ..... lbs./ft. Wall thickness or gauge No. .... <b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b> 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) <u>NA</u> 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)																																																																																																																																							
		<b>SCREEN OR PERFORATION OPENINGS ARE:</b> 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) <u>NA</u>																																																																																																																																							
		<b>SCREEN-PERFORATED INTERVALS:</b> From <u>NA</u> ft. to <u>NA</u> ft., From ..... ft. to ..... ft. From ..... ft. to ..... ft., From ..... ft. to ..... ft. <b>GRAVEL PACK INTERVALS:</b> From ..... ft. to ..... ft., From ..... ft. to ..... ft. From ..... ft. to ..... ft., From ..... ft. to ..... ft.																																																																																																																																							
		<b>6 GROUT MATERIAL:</b> 1 Neat cement 2 Cement grout 3 Bentonite 4 Other ..... Grout intervals: From ..... ft. to ..... 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 <u>Sewage lagoon</u> 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>west</u> How many feet? <u>150'</u>																																																																																																																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th colspan="2">LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th colspan="2">PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>3</td> <td>Clay-Brown</td> <td>74-105</td> <td>Shale-Grey</td> <td></td> <td>192-200</td> <td>Shale-Grey</td> </tr> <tr> <td>3</td> <td>7</td> <td>Shale-Yellow</td> <td>105-112</td> <td>Limestone-Gr</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>10</td> <td>Limestone-Yellow</td> <td>112-115</td> <td>Shale-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>14</td> <td>Shale-Yellow</td> <td>115-124</td> <td>Limestone-Y</td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td>17</td> <td>Limestone-Y</td> <td>124-133</td> <td>Limestone-Gr</td> <td></td> <td>Lost circulation</td> <td>127-129'</td> </tr> <tr> <td>17</td> <td>18</td> <td>Shale-Yellow</td> <td>133-138</td> <td>Shale-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>22</td> <td>Limestone-Gr</td> <td>138-141</td> <td>Limestone-Grey</td> <td></td> <td>Benseal</td> <td>0-110'</td> </tr> <tr> <td>22</td> <td>26</td> <td>Shale-Grey</td> <td>141-152</td> <td>Shale-Grey</td> <td></td> <td>Pea Gravel</td> <td>110-200'</td> </tr> <tr> <td>26</td> <td>29</td> <td>Limestone-Gr</td> <td>152-163</td> <td>Limestone-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>29</td> <td>33</td> <td>Shale-Grey</td> <td>163-184</td> <td>Shale-Grey</td> <td></td> <td>5-19-95</td> <td>Permission to shallow</td> </tr> <tr> <td>33</td> <td>43</td> <td>Sandstone-Y</td> <td>184-185</td> <td>Limestone-Gr</td> <td></td> <td>grout from Rich Harper</td> <td></td> </tr> <tr> <td>43</td> <td>61</td> <td>Shale-Grey</td> <td>185-187</td> <td>Shale-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>61</td> <td>64</td> <td>Limestone-Gr</td> <td>187-189</td> <td>Shale-Red</td> <td></td> <td></td> <td></td> </tr> <tr> <td>64</td> <td>72</td> <td>Shale-Grey</td> <td>189-190</td> <td>Limestone-Grey</td> <td></td> <td></td> <td></td> </tr> <tr> <td>72</td> <td>74</td> <td>Limestone-Grey</td> <td>190-192</td> <td>Shale-Red</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG		FROM	TO	PLUGGING INTERVALS		0	3	Clay-Brown	74-105	Shale-Grey		192-200	Shale-Grey	3	7	Shale-Yellow	105-112	Limestone-Gr				7	10	Limestone-Yellow	112-115	Shale-Grey				10	14	Shale-Yellow	115-124	Limestone-Y				14	17	Limestone-Y	124-133	Limestone-Gr		Lost circulation	127-129'	17	18	Shale-Yellow	133-138	Shale-Grey				18	22	Limestone-Gr	138-141	Limestone-Grey		Benseal	0-110'	22	26	Shale-Grey	141-152	Shale-Grey		Pea Gravel	110-200'	26	29	Limestone-Gr	152-163	Limestone-Grey				29	33	Shale-Grey	163-184	Shale-Grey		5-19-95	Permission to shallow	33	43	Sandstone-Y	184-185	Limestone-Gr		grout from Rich Harper		43	61	Shale-Grey	185-187	Shale-Grey				61	64	Limestone-Gr	187-189	Shale-Red				64	72	Shale-Grey	189-190	Limestone-Grey				72	74	Limestone-Grey	190-192	Shale-Red			
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<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>5-15-95</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>5-25-95</u> under the business name of <u>STRADER DRILLING CO., INC.</u> by (signature) <u>Delellskren</u>																																																																																																																																									