

1 LOCATION OF WATER WELL: County: <u>Russell</u>		Fraction: <u>SE 1/4 NE 1/4 NE 1/4</u>		Section Number: <u>4</u>	Township Number: <u>T 15 S</u>	Range Number: <u>R 13 E/W</u>																																																																												
Distance and direction from nearest town or city street address of well if located within city? <u>4 mi. N & 1 mi. E of Susank, Ks.</u>																																																																																		
2 WATER WELL OWNER: <u>DeRoy Monahan</u> RR#, St. Address, Box #: <u>650 W. 4th St.</u> City, State, ZIP Code: <u>Hoisington, Ks. 67544</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>211</u> ft. ELEVATION: <u>203</u> ft.																																																																																
		Depth(s) Groundwater Encountered: <u>1203</u> ft. 2. <u>203</u> ft. 3. <u>211</u> ft. WELL'S STATIC WATER LEVEL: <u>30</u> ft. below land surface measured on mo/day/yr Pump test data: Well water was <u>28</u> ft. after <u>12</u> hours pumping <u>15</u> gpm Est. Yield: <u>18</u> gpm; Well water was <u>28</u> ft. after <u>12</u> hours pumping <u>15</u> gpm Bore Hole Diameter: <u>8</u> in. to <u>211</u> ft., and <u>211</u> in. to <u>211</u> ft. WELL WATER TO BE USED AS: <input checked="" type="checkbox"/> 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 <u>X</u> No <u>X</u> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <u>X</u> No <u>X</u>																																																																																
		5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: <u>Glued</u> Clamped <input checked="" type="checkbox"/> <u>2 PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded Blank casing diameter: <u>5</u> in. to <u>191</u> ft., Dia. <u>5</u> in. to <u>20</u> ft., Dia. <u>20</u> in. to <u>20</u> ft. Casing height above land surface: <u>12</u> in., weight <u>191</u> lbs./ft. Wall thickness or gauge No. <u>SDR26</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 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) <u>Factory Cut</u> SCREEN-PERFORATED INTERVALS: From <u>191</u> ft. to <u>211</u> ft., From <u>191</u> ft. to <u>211</u> ft., From <u>191</u> ft. to <u>211</u> ft. GRAVEL PACK INTERVALS: From <u>160</u> ft. to <u>211</u> ft., From <u>160</u> ft. to <u>211</u> ft., From <u>160</u> ft. to <u>211</u> ft.																																																																																
		6 GROUT MATERIAL: <u>1 Neat cement</u> 2 Cement grout 3 Bentonite 4 Other <u>CLAY BACKFILL</u> Grout Intervals: From <u>0</u> ft. to <u>20</u> ft., From <u>20</u> ft. to <u>160</u> ft., From <u>160</u> ft. to <u>191</u> 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 <u>4 mi W</u> 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)																																																																																
		Direction from well? FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>0</td><td>3</td><td>Topsoil</td><td></td><td></td><td></td></tr> <tr><td>3</td><td>21</td><td>Rock Yellow Lime Clay</td><td></td><td></td><td></td></tr> <tr><td>21</td><td>81</td><td>Dark Shale</td><td></td><td></td><td></td></tr> <tr><td>81</td><td>97</td><td>Light Shale</td><td></td><td></td><td></td></tr> <tr><td>97</td><td>106</td><td>Dark Shale</td><td></td><td></td><td></td></tr> <tr><td>106</td><td>133</td><td>Grey Light Sand Shale</td><td></td><td></td><td></td></tr> <tr><td>133</td><td>152</td><td>Light Sand Rock</td><td></td><td></td><td></td></tr> <tr><td>152</td><td>159</td><td>Light Clay Sand Rock</td><td></td><td></td><td></td></tr> <tr><td>159</td><td>173</td><td>Sand Rock</td><td></td><td></td><td></td></tr> <tr><td>173</td><td>203</td><td>Light Gray clay</td><td></td><td></td><td></td></tr> <tr><td>203</td><td>207</td><td>Sand Rock</td><td></td><td></td><td></td></tr> <tr><td>207</td><td>211</td><td>Dark Clay</td><td></td><td></td><td></td></tr> <tr><td colspan="6">(at 203' struck H₂O)</td></tr> </table>					0	3	Topsoil				3	21	Rock Yellow Lime Clay				21	81	Dark Shale				81	97	Light Shale				97	106	Dark Shale				106	133	Grey Light Sand Shale				133	152	Light Sand Rock				152	159	Light Clay Sand Rock				159	173	Sand Rock				173	203	Light Gray clay				203	207	Sand Rock				207	211	Dark Clay				(at 203' struck H ₂ O)			
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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>8/14/97</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>619</u> This Water Well Record was completed on (mo/day/yr) <u>9/12/97</u> under the business name of <u>Bushnell Waterwell Service</u> by (signature) <u>Reta J. Bushnell</u>																																																																																		