

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																															
County: <u>Harvey</u>		NE 1/4 NE 1/4 NW 1/4		5		T 24 S		R 2 X W																																																																															
Distance and direction from nearest town or city street address of well if located within city? <u>2 1/2 miles west of Halstead, KS</u>																																																																																							
2 WATER WELL OWNER: <u>Joe Unruh</u>																																																																																							
RR#, St. Address, Box # : <u>15003 SW 36th</u> Board of Agriculture, Division of Water Resources																																																																																							
City, State, ZIP Code : <u>Halstead, KS 67056</u> Application Number: <u>N/A</u>																																																																																							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>198</u> ft. ELEVATION:																																																																																					
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.																																																																																					
		WELL'S STATIC WATER LEVEL <u>68</u> ft. below land surface measured on mo/day/yr <u>7/31/97</u>																																																																																					
		Pump test data: Well water was ft. after hours pumping gpm																																																																																					
		Est. Yield <u>30-40</u> gpm: Well water was ft. after hours pumping gpm																																																																																					
		Bore Hole Diameter <u>8</u> in. to <u>198</u> ft. and in. to ft.																																																																																					
WELL WATER TO BE USED AS:																																																																																							
☒ 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..... ☒ ; If yes, mo/day/yr sample was submitted																																																																																							
Water Well Disinfected? Yes ☒ No																																																																																							
5 TYPE OF BLANK CASING USED:																																																																																							
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ☒ Clamped ☒ PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded																																																																																							
Blank casing diameter <u>5</u> in. to <u>188</u> ft., Dia in. to ft., Dia in. to ft.																																																																																							
Casing height above land surface <u>12</u> in., weight <u>2.37</u> lbs./ft. Wall thickness or gauge No. <u>214</u>																																																																																							
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																																							
☒ PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)																																																																																							
SCREEN OR PERFORATION OPENINGS ARE:																																																																																							
1 Continuous slot ☒ 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>188</u> ft. to <u>198</u> ft., From ft. to ft.																																																																																							
GRAVEL PACK INTERVALS: From <u>20</u> ft. to <u>198</u> ft., From ft. to ft.																																																																																							
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout ☒ Bentonite 4 Other																																																																																							
Grout Intervals: From ... <u>0</u> ft. to ... <u>20</u> ft., From ft. to ft., From ft. to ft.																																																																																							
What is the nearest source of possible contamination:																																																																																							
☒ 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>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>3</td><td>Top Soil</td><td></td><td></td><td></td></tr> <tr><td>3</td><td>15</td><td>Brown Clay</td><td></td><td></td><td></td></tr> <tr><td>15</td><td>38</td><td>Medium Sand</td><td></td><td></td><td></td></tr> <tr><td>38</td><td>44</td><td>Coarse Sand</td><td></td><td></td><td></td></tr> <tr><td>44</td><td>71</td><td>Medium Sand with Clay layers</td><td></td><td></td><td></td></tr> <tr><td>71</td><td>77</td><td>Green Clay</td><td></td><td></td><td></td></tr> <tr><td>77</td><td>100</td><td>Green Clay with sand layers</td><td></td><td></td><td></td></tr> <tr><td>100</td><td>115</td><td>Fine Sand</td><td></td><td></td><td></td></tr> <tr><td>115</td><td>170</td><td>Gray Clay</td><td></td><td></td><td></td></tr> <tr><td>170</td><td>172</td><td>Fine Sand</td><td></td><td></td><td></td></tr> <tr><td>172</td><td>175</td><td>Gray Clay</td><td></td><td></td><td></td></tr> <tr><td>175</td><td>198</td><td>Fine Sand</td><td></td><td></td><td></td></tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	3	Top Soil				3	15	Brown Clay				15	38	Medium Sand				38	44	Coarse Sand				44	71	Medium Sand with Clay layers				71	77	Green Clay				77	100	Green Clay with sand layers				100	115	Fine Sand				115	170	Gray Clay				170	172	Fine Sand				172	175	Gray Clay				175	198	Fine Sand			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>7/31/97</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>138</u> This Water Well Record was completed on (mo/day/yr) <u>8/18/97</u> under the business name of <u>Peterson Irrigation, Inc.</u> by (signature) <u>Michael Peterson</u>																																																																																							