

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction NE 1/4 NW 1/4 NE 1/4		Section Number 16	Township Number T 26 S	Range Number R 2 E																																																																		
Distance and direction from nearest town or city street address of well if located within city? 1 mile north of Colwich, KS																																																																								
2 WATER WELL OWNER: Paul Gruenbacher RR#, St. Address, Box #: 21201 W. 77th North City, State, ZIP Code: Mt. Hope, KS 67108 Board of Agriculture, Division of Water Resources Application Number: 29,038 D2,																																																																								
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL: 60 ft. ELEVATION: 44.364 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 23 ft. below land surface measured on mo/day/yr 11/26/01 Pump test data: Well water was 40 ft. after 2 hours pumping 800 gpm Est. Yield 800 gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter. 28 in. to 60 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) <u>2 Irrigation</u> 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes. No. X ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes X No																																																																						
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued. X Clamped. <u>2 PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded Blank casing diameter 16 in. to 30 ft., Dia in. to ft., Dia in. to ft. Casing height above land surface. 24 in., weight 16.15 lbs./ft. Wall thickness or gauge No. 500 TYPE OF SCREEN OR PERFORATION MATERIAL: <u>2 PVC</u> 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: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot <u>3 Mill slot</u> 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ft. SCREEN-PERFORATED INTERVALS: From. 30 ft. to 60 ft., From ft. to ft. GRAVEL PACK INTERVALS: From. 20 ft. to 60 ft., From ft. to ft. From. ft. to ft., From ft. to ft.																																																																								
6 GROUT MATERIAL: 1 Neat cement 2 <u>X</u> Cement grout 3 Bentonite 4 Other Grout Intervals: From. 0 ft. to 20 ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: None within 1/4 mile 6 Livestock pens 14 Abandoned water well 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below) 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Direction from well? How many feet?																																																																								
<table border="1"><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>2</td><td>Topsoil</td><td></td><td></td><td></td></tr><tr><td>2</td><td>11</td><td>Clay, brown</td><td></td><td></td><td></td></tr><tr><td>11</td><td>13</td><td>Clay, sandy, tan</td><td></td><td></td><td></td></tr><tr><td>13</td><td>22</td><td>Coarse Sand</td><td></td><td></td><td></td></tr><tr><td>22</td><td>23</td><td>Clay, tan</td><td></td><td></td><td></td></tr><tr><td>23</td><td>33</td><td>sand, medium to coarse</td><td></td><td></td><td></td></tr><tr><td>33</td><td>34</td><td>Clay, tan</td><td></td><td></td><td></td></tr><tr><td>34</td><td>36</td><td>Clay, gray</td><td></td><td></td><td></td></tr><tr><td>36</td><td>59</td><td>Sand, medium to coarse with gravel</td><td></td><td></td><td></td></tr><tr><td>59</td><td>60</td><td>Clay, gray</td><td></td><td></td><td></td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2	Topsoil				2	11	Clay, brown				11	13	Clay, sandy, tan				13	22	Coarse Sand				22	23	Clay, tan				23	33	sand, medium to coarse				33	34	Clay, tan				34	36	Clay, gray				36	59	Sand, medium to coarse with gravel				59	60	Clay, gray			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (<u>X</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 11/30/01 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 138 This Water Well Record was completed on (mo/day/yr) 12/3/01 under the business name of Peterson Irrigation, Inc. by (signature) <i>Mike Peterson</i>																																																																								
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone 785-296-5524. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.																																																																								