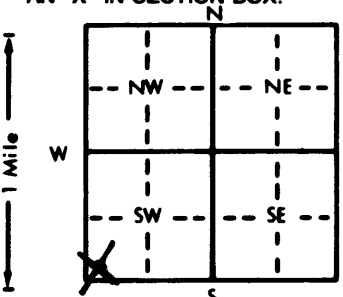


1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: <u>Saline</u>		<u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$		<u>13</u>		<u>T</u> <u>15</u> <u>S</u>		<u>R</u> <u>4</u> <u>W</u>																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? <u>2 miles West of Smolan, KS</u>																																																																																																									
2 WATER WELL OWNER: <u>Patrick MacDonald</u>																																																																																																									
RR#, St. Address, Box # : <u>R.R.</u> Board of Agriculture, Division of Water Resources																																																																																																									
City, State, ZIP Code : <u>Smolan, KS 67479</u> Application Number:																																																																																																									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:				4 DEPTH OF COMPLETED WELL: <u>53</u> ft. ELEVATION:																																																																																																					
				Depth(s) Groundwater Encountered 1. <u>29</u> ft. 2. ft. 3. ft.																																																																																																					
				WELL'S STATIC WATER LEVEL ... <u>29</u> ft. below land surface measured on mo/day/yr <u>12-6-91</u>																																																																																																					
				Pump test data: Well water was ft. after hours pumping gpm																																																																																																					
				Est. Yield <u>.3</u> gpm: Well water was ... <u>45</u> ft. after <u>.1</u> / <u>2</u> hours pumping <u>.10</u> gpm																																																																																																					
				Bore Hole Diameter ... <u>8</u> in. to ... <u>5.5</u> 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>Stock</u>																																																																																																									
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:																																																																																																									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>X</u> Clamped																																																																																																									
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded																																																																																																									
7 Fiberglass Threaded																																																																																																									
Blank casing diameter ... <u>5</u> in. to ... <u>33</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:																																																																																																									
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement																																																																																																									
2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)																																																																																																									
9 ABS 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)																																																																																																									
SCREEN-PERFORATED INTERVALS: From ... <u>33</u> ft. to ... <u>53</u> ft., From ... ft. to ... ft.																																																																																																									
From ... ft. to ... ft., From ... ft. to ... ft.																																																																																																									
GRAVEL PACK INTERVALS: From ... <u>25</u> ft. to ... <u>53</u> ft., From ... ft. to ... ft.																																																																																																									
From ... ft. to ... ft., From ... ft. to ... ft.																																																																																																									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																																																									
Grout Intervals: From ... <u>5</u> ft. to ... <u>25</u> ft., From ... ft. to ... ft., From ... ft. to ... ft.																																																																																																									
What is the nearest source of possible contamination: <u>None within 1/2 mile</u> 10 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" 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>10</td><td>Brown Clay</td><td></td><td></td><td></td></tr><tr><td>10</td><td>20</td><td>Silty Brown Clay</td><td></td><td></td><td></td></tr><tr><td>20</td><td>23</td><td>Creek Gravel</td><td></td><td></td><td></td></tr><tr><td>23</td><td>31</td><td>Gray Clay</td><td></td><td></td><td></td></tr><tr><td>31</td><td>39</td><td>Creek GRavel (clean)</td><td></td><td></td><td></td></tr><tr><td>39</td><td>42</td><td>Gray Clay</td><td></td><td></td><td></td></tr><tr><td>42</td><td>43</td><td>Creek Gravel</td><td></td><td></td><td></td></tr><tr><td>43</td><td>45</td><td>Gray Clay</td><td></td><td></td><td></td></tr><tr><td>45</td><td>52</td><td>Clay with small layers of Creek Gravel</td><td></td><td></td><td></td></tr><tr><td>52</td><td>55</td><td>Green Shale</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	3	Top Soil				3	10	Brown Clay				10	20	Silty Brown Clay				20	23	Creek Gravel				23	31	Gray Clay				31	39	Creek GRavel (clean)				39	42	Gray Clay				42	43	Creek Gravel				43	45	Gray Clay				45	52	Clay with small layers of Creek Gravel				52	55	Green Shale																											
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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>12-6-91</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>12-4-91</u> ... under the business name of <u>Peterson Irrigation, Inc.</u> by (signature) <u>Mike Peterson</u>																																																																																																									
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: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																																									