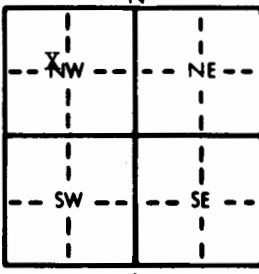


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																									
County: <u>Stafford</u>		SE ¼ NW ¼ NW ¼		24		T 25 S		R 14 E/W																																																																									
Distance and direction from nearest town or city street address of well if located within city? <u>Approx. 8 3/4 mi. south and 2 3/4 west of St. John, KS</u>																																																																																	
2 WATER WELL OWNER:		<u>Phil Shrack</u>																																																																															
RR#, St. Address, Box # :		Board of Agriculture, Division of Water Resources																																																																															
City, State, ZIP Code :		<u>Iuka, KS 67066</u> Application Number: <u>37515</u>																																																																															
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>151</u> ft. ELEVATION: <u>unknown</u>																																																																															
		Depth(s) Groundwater Encountered 1. <u>23</u> ft. 2. _____ ft. 3. _____ ft.																																																																															
		WELL'S STATIC WATER LEVEL <u>23</u> ft. below land surface measured on mo/day/yr <u>12/2/86</u>																																																																															
		Pump test data: Well water was <u>Not ck'd</u> ft. after _____ hours pumping _____ gpm																																																																															
		Est. Yield <u>1000</u> gpm: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																															
		Bore Hole Diameter <u>24</u> in. to <u>150</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 Observation well																																																																															
		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 _____ No <u>X</u> _____																																																																															
5 TYPE OF BLANK CASING USED:																																																																																	
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____																																																																																	
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) <u>Welded</u> <u>X</u> _____																																																																																	
7 Fiberglass _____ Threaded _____																																																																																	
Blank casing diameter <u>16</u> in. to <u>70</u> ft., Dia <u>16</u> in. to <u>110</u> ft., Dia _____ in. to _____ ft.																																																																																	
Casing height above land surface <u>12</u> in., weight <u>31.66</u> lbs./ft. Wall thickness or gauge No. <u>188</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) _____																																																																																	
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 <u>Other (specify)</u> <u>Doerr Bridge Slot</u>																																																																																	
SCREEN-PERFORATED INTERVALS: From <u>70</u> ft. to <u>90</u> ft., From _____ ft. to _____ ft.																																																																																	
From <u>110</u> ft. to <u>150</u> ft., From _____ ft. to _____ ft.																																																																																	
GRAVEL PACK INTERVALS: From <u>10</u> ft. to <u>150</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>0</u> ft. to <u>10</u> 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 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well																																																																																	
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 <u>Other (specify below)</u>																																																																																	
<u>FIELD</u>																																																																																	
Direction from well? <u>all</u> 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>LITHOLOGIC LOG</th></tr></thead><tbody><tr><td>0</td><td>49</td><td>Fine sand topsoil & green & tan clay w/caliche</td><td></td><td></td><td></td></tr><tr><td>49</td><td>68</td><td>Sand & gravel, fine, clean</td><td></td><td></td><td></td></tr><tr><td>68</td><td>71</td><td>Brown clay</td><td></td><td></td><td></td></tr><tr><td>71</td><td>91</td><td>Sand & gravel, fine to med, some coarse, clean</td><td></td><td></td><td></td></tr><tr><td>91</td><td>110</td><td>Brown clay, w/streaks of limestone between 105'-110'</td><td></td><td></td><td></td></tr><tr><td>110</td><td>134</td><td>Sand & gravel, med. to fine, some coarse - clean</td><td></td><td></td><td></td></tr><tr><td>134</td><td>140</td><td>Reddish brown sandy clay</td><td></td><td></td><td></td></tr><tr><td>140</td><td>150</td><td>Sand & gravel, med. to fine, clean</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	LITHOLOGIC LOG	0	49	Fine sand topsoil & green & tan clay w/caliche				49	68	Sand & gravel, fine, clean				68	71	Brown clay				71	91	Sand & gravel, fine to med, some coarse, clean				91	110	Brown clay, w/streaks of limestone between 105'-110'				110	134	Sand & gravel, med. to fine, some coarse - clean				134	140	Reddish brown sandy clay				140	150	Sand & gravel, med. to fine, clean																					
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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>12/2/86</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>185</u> This Water Well Record was completed on (mo/day/yr) <u>12/11/86</u> under the business name of <u>Clarke Well & Equipment, Inc.</u> by (signature) <u>[Signature]</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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.																																																																																	