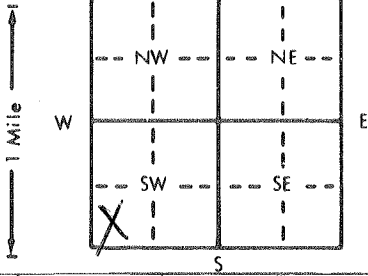


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: <u>Thomas</u>		SW 1/4 SW 1/4 SW 1/4		33		T 9 S		R 34 EW																																																																																																	
Distance and direction from nearest town or city street address of well if located within city?																																																																																																									
2 WATER WELL OWNER: Cranston Farms BATTERY																																																																																																									
RR#, St. Address, Box # : 1965 Thielen Ave.						Board of Agriculture, Division of Water Resources																																																																																																			
City, State, ZIP Code : Colby, KS 67701						Application Number: 42,802																																																																																																			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 243 ft. ELEVATION:																																																																																																							
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.																																																																																																							
		WELL'S STATIC WATER LEVEL 182 ft. below land surface measured on mo/day/yr																																																																																																							
		Pump test data: Well water was ft. after hours pumping gpm																																																																																																							
		Est. Yield gpm: Well water was ft. after hours pumping gpm																																																																																																							
		Bore Hole Diameter ... 28 ... in. to ... 243 ... ft., and ... in. to ... ft.																																																																																																							
WELL WATER TO BE USED AS:																																																																																																									
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																																																																																																									
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 <u>X</u> Clamped																																																																																																									
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded																																																																																																									
3 Fiberglass Threaded																																																																																																									
Blank casing diameter 16 in. to ... 203 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:																																																																																																									
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 Other (specify)																																																																																																									
SCREEN-PERFORATED INTERVALS: From 203 ft. to 243 ft., From ft. to ft.																																																																																																									
From ft. to ft., From ft. to ft.																																																																																																									
GRAVEL PACK INTERVALS: From 20 ft. to 243 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 0 ft. to 20 ft., From ft. to ft., From ft. to ft.																																																																																																									
What is the nearest source of possible contamination: <u>NONE</u>																																																																																																									
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 Other (specify below)																																																																																																									
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>2</td><td>Surface</td><td>165</td><td>181</td><td>Med. Sand w/Clay Layers</td></tr><tr><td>2</td><td>20</td><td>Loess</td><td>181</td><td>182</td><td>Cem. Sand, Fairly Hard</td></tr><tr><td>20</td><td>42</td><td>Clay</td><td>182</td><td>214</td><td>Fine to Med. Sand w/Clay Lns.</td></tr><tr><td>42</td><td>58</td><td>Sandy Clay & Caliche w/Some Sand</td><td>214</td><td>216</td><td>Clay w/Cemented Sand</td></tr><tr><td>58</td><td>69</td><td>Med. Sand & Gravel w/Clay</td><td>216</td><td>218</td><td>Fine to Med. Sand w/Clay Lys.</td></tr><tr><td>69</td><td>90</td><td>Semi-TightMed. Sand & Gravel w/Clay Lns.</td><td>218</td><td>220</td><td>Clay</td></tr><tr><td>90</td><td>94</td><td>Clay</td><td></td><td></td><td></td></tr><tr><td>94</td><td>98</td><td>Med. Sand & Gravel w/a Few Cem. Strks.</td><td></td><td></td><td></td></tr><tr><td>98</td><td>100</td><td>Clay & Caliche</td><td>220</td><td>233</td><td>Med. Sand w/a Few Fine Clay Lns.</td></tr><tr><td>100</td><td>113</td><td>Med. Sand & Gravel</td><td>233</td><td>243</td><td>Ochre & Shale</td></tr><tr><td>113</td><td>122</td><td>Sandy Clay & Caliche w/Some Sand</td><td></td><td></td><td></td></tr><tr><td>122</td><td>131</td><td>Sticky Sand, Clay & Caliche</td><td></td><td></td><td></td></tr><tr><td>131</td><td>137</td><td>Med. Sand w/Clay Strks.</td><td></td><td></td><td></td></tr><tr><td>137</td><td>143</td><td>Sandy Clay w/Med. Sand</td><td></td><td></td><td></td></tr><tr><td>143</td><td>165</td><td>Med. Sand & Gravel w/Clay Layers</td><td></td><td></td><td></td></tr></tbody></table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2	Surface	165	181	Med. Sand w/Clay Layers	2	20	Loess	181	182	Cem. Sand, Fairly Hard	20	42	Clay	182	214	Fine to Med. Sand w/Clay Lns.	42	58	Sandy Clay & Caliche w/Some Sand	214	216	Clay w/Cemented Sand	58	69	Med. Sand & Gravel w/Clay	216	218	Fine to Med. Sand w/Clay Lys.	69	90	Semi-TightMed. Sand & Gravel w/Clay Lns.	218	220	Clay	90	94	Clay				94	98	Med. Sand & Gravel w/a Few Cem. Strks.				98	100	Clay & Caliche	220	233	Med. Sand w/a Few Fine Clay Lns.	100	113	Med. Sand & Gravel	233	243	Ochre & Shale	113	122	Sandy Clay & Caliche w/Some Sand				122	131	Sticky Sand, Clay & Caliche				131	137	Med. Sand w/Clay Strks.				137	143	Sandy Clay w/Med. Sand				143	165	Med. Sand & Gravel w/Clay Layers			
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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) 4-16-98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 554 This Water Well Record was completed on (mo/day/yr) 5-28-98 under the business name of <u>Woofter Pump & Well, Inc.</u> by (signature) <u>Jim C. Woofter</u>																																																																																																									
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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.																																																																																																									