

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: <u>Pratt</u>		<u>S¹/₂</u> <u>1/4</u> <u>N¹/₂</u> <u>1/4</u> <u>S¹/₂</u> <u>1/4</u>		<u>10</u>		<u>T</u> <u>28</u> <u>S</u>		<u>R</u> <u>11</u> <u>E/W</u>	
Distance and direction from nearest town or city street address of well if located within city? <u>1 3/4 south, 2 west of Cairo, Ks.</u>									
2 WATER WELL OWNER:		Quentin Hirt				Board of Agriculture, Division of Water Resources			
RR#, St. Address, Box # :		<u>100082 SE 40th Ave.</u>				Application Number: <u>41,327</u>			
City, State, ZIP Code :		<u>Sawyer, Ks. 67134</u>							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <u>148</u> ft. ELEVATION: _____							
		Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.							
		WELL'S STATIC WATER LEVEL <u>31</u> ft. below land surface measured on mo/day/yr <u>5-15-97</u>							
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm							
		Est. Yield <u>1600</u> gpm: Well water was <u>79</u> ft. after <u>4</u> hours pumping <u>1600</u> gpm							
		Bore Hole Diameter <u>28</u> in. to <u>148</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							
		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:		CASING JOINTS: Glued <u>X</u> Clamped _____							
1 Steel 3 RMP (SR)		Welded _____							
2 PVC 4 ABS		Threaded _____							
Blank casing diameter <u>16</u> in. to <u>88</u> in. Dia. _____ in. to _____ ft. Dia. _____ in. to _____ ft.									
Casing height above land surface <u>12</u> in. weight _____ SDR <u>32.5</u> lbs./ft. Wall thickness or gauge No. _____									
TYPE OF SCREEN OR PERFORATION MATERIAL:		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 3 Mill slot 6 Wire wrapped 9 Drilled holes									
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____									
SCREEN-PERFORATED INTERVALS: From <u>88</u> ft. to <u>148</u> ft. From _____ ft. to _____ ft.									
GRAVEL PACK INTERVALS: From <u>148</u> ft. to <u>20</u> ft. From _____ ft. to _____ ft.									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____									
Grout Intervals: From <u>20</u> ft. to <u>0</u> ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.									
What is the nearest source of possible contamination:		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 none									
Direction from well?		How many feet?							
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS				
0	2	Top soil	130	137	Sand				
2	20	Sand fine to medium	137	141	Sandy brown clay				
20	22	Sandy white clay	141	148	Fine sand				
22	28	Sand -fine to coarse, gravel med.							
28	29	Cemented calcium Carbonate							
29	41	Sand and gravel fine to coarse							
41	42	Clay							
42	57	Sand and gravel fine to coarse							
57	58	Brown clay							
58	74	Sand							
74	87	Sandy brown clay							
87	104	Sand and gravel fine to medium							
104	108	Sandy brown clay							
108	123	Sand							
123	130	Sandy brown clay							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>5-15-97</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>134</u> This Water Well Record was completed on (mo/day/yr) <u>5-23-97</u> under the business name of <u>Rosencrantz-Bemis</u> by (signature) <u>Media Haddon</u>									