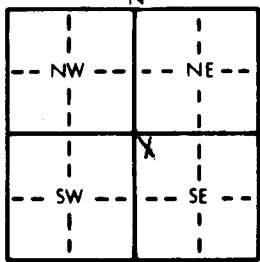


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: Pratt		N/C NW ¼ NW ¼ SE ¼	13	T 28 S	R 12 EW
Distance and direction from nearest town or city street address of well if located within city? Cairo, Ks. 2 south 1½ west north to well					
2 WATER WELL OWNER:		Hirt Farms			
RR#, St. Address, Box # :		12640 NW Turkey Lane Rd.		Board of Agriculture, Division of Water Resources	
City, State, ZIP Code :		Sawyer, Ks. 67134		Application Number: 41,337	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 173 ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft. WELL'S STATIC WATER LEVEL 71 . . . . . ft. below land surface measured on mo/day/yr . . . 5-28-99 Pump test data: Well water was 99'7" . . . . . ft. after 2 . . . . . hours pumping . . . 800 . . . . . gpm Est. Yield . . 1100 . . . . . gpm: Well water was 107'9" . . . . . ft. after 4 . . . . . hours pumping . . . 1100 . . . . . gpm Bore Hole Diameter . . 28 . . . . . in. to . . . 172 . . . . . 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 <u>X</u> . . . . . No			
5 TYPE OF BLANK CASING USED:		CASING JOINTS: Glued <u>X</u> . . . . . Clamped . . . . .			
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded . . . . .		Threaded . . . . .			
2 PVC 4 ABS 7 Fiberglass . . . . .		Blank casing diameter . . 16 . . . . . in. to . . 123 . . . . . ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.			
Casing height above land surface . . 12 . . . . . in., weight . . sch 40 . . . . . lbs./ft. Wall thickness or gauge No. . . . .		TYPE OF SCREEN OR PERFORATION MATERIAL:			
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement		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:			
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)		6 Wire wrapped 9 Drilled holes			
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) . . . . .		SCREEN-PERFORATED INTERVALS: From . . . 123 . . . . . ft. to . . 172 . . . . . ft., From . . . . . ft. to . . . . . ft.			
GRAVEL PACK INTERVALS: From . . . 172 . . . . . ft. to . . 20 . . . . . 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 hole plug . . . . .		Grout Intervals: From . . 20 . . . . . ft. to . . 0 . . . . . 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) none			
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage		Direction from well? How many feet?			
FROM TO LITHOLOGIC LOG		FROM TO PLUGGING INTERVALS			
0	3	Top soil	143	144	Brown clay
3	33	Brown and white clay	144	155	Sand and gravel clean coarse loose
33	35	White rock	155	172	Coarse sand
35	41	Tough tan white gray rock			
41	47	Orange and white clay			
47	57	Sand and gravel			
57	63	Brown and white clay			
63	71	Sand and gravel clay mixed			
71	78	Brown clay			
78	86	Sand and gravel clean coarse loose			
86	100	Brown clay with hard streak			
100	104	Sand and gravel with clay			
104	121	Sand and gravel clean coarse loose			
121	122½	Brown clay			
122½	143	Sand and gravel clean coarse loose			
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) 6-7-99 . . . . . and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. . . 134 . . . . . This Water Well Record was completed on (mo/day/yr) 7-14-99 . . . . . under the business name of Rosencrantz-Bemis by (signature) Fredia Rodson					