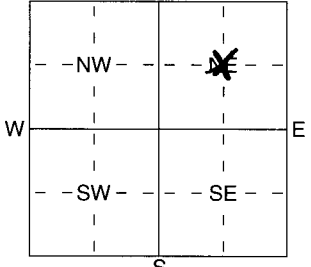


1 LOCATION OF WATER WELL: County: <u>Pratt</u>	Fraction <u>1/4 NC 1/4 NE 1/4</u>	Section Number <u>27</u>	Township Number <u>T 26 S</u>	Range Number <u>R 14 E/W</u>
---	--------------------------------------	-----------------------------	----------------------------------	---------------------------------

Distance and direction from nearest town or city street address of well if located within city?
1 3/4 south 1 3/4 east of Byers, Ks.

2 WATER WELL OWNER: <u>Double Arrow Farms</u> RR#, St. Address, Box # : <u>100280 NW 60th. Ave.</u> City, State, ZIP Code : <u>Iuka, Ks. 67066</u>	Board of Agriculture, Division of Water Resources Application Number: <u>35619</u>
--	---

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL <u>182</u> ft. ELEVATION: Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft. WELL'S STATIC WATER LEVEL <u>43</u> ft. below land surface measured on <u>mo/day/yr</u> <u>10-27-03</u> Pump test data: Well water was <u>92</u> ft. after <u>2</u> hours pumping <u>1100</u> gpm Est. Yield <u>1450</u> gpm: Well water was <u>99</u> ft. after <u>3</u> hours pumping <u>1450</u> gpm 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) <u>2 Irrigation</u> 4 Industrial 7 Domestic (lawn & garden) 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>HTH</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 <u>PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded Blank casing diameter <u>16</u> in. to <u>122</u> ft., Dia in. to ft., Dia in. to ft. Casing height above land surface <u>18</u> in., weight <u>Sch. 40</u> lbs./ft. Wall thickness or guage No. TYPE OF SCREEN OR PERFORATION MATERIAL: <u>7 PVC</u> 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) <u>1 Continuous slot</u> 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ft.
SCREEN-PERFORATED INTERVALS: From <u>182</u> ft. to <u>122</u> ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>182</u> ft. to <u>20</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 <u>Hole plug</u> 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: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens <u>14 Abandoned water well</u> 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) Direction from well? <u>north</u> How many feet? <u>40</u>

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Sandy top soil	100	130	Gray & tan clay w/ash
3	9	Gray clay	130	130 1/2	Cap rock - hard
9	25	Sandy tan & gray clay	130 1/2	145	Sand & gravel-small, med. tight
25	30	Fine sand	145	146 1/2	Tan clay
30	41	Sandy tan clay	146 1/2	164	Sand & gravel-small & tight
41	45	Fine sand	164	165	Cemented sand
45	49	Tan clay	165	180	Sand & gravel-small & tight
49	58	Sand & gravel-clean med. loose	180	182	Sand & gravel w/clay streaks
58	59	Yellow clay			
59	65	Sand & gravel-clean, med. loose			
65	71	Fine gravel/clay streaks			
71	78	Sand & gravel-clean, med. loose			
78	81	Clay & ash			
81	100	Sandy tan 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>3-10-04</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No <u>134</u> This Water Well Record was completed on (mo/day/yr) <u>3-25-04</u> under the business name of <u>Rosencrantz-Bemis</u> by (signature) <u>[Signature]</u>
