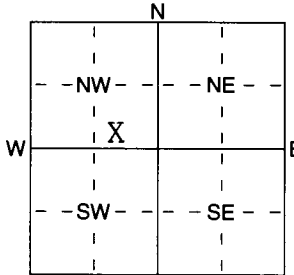


1 LOCATION OF WATER WELL: County: <u>Hodgeman</u>	Fraction <u>SW 1/4 SE 1/4 NW 1/4</u>	Section Number <u>18</u>	Township Number <u>T 22 S</u>	Range Number <u>R 21 E/W</u>
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Distance and direction from nearest town or city street address of well if located within city?

3/4 North, 1 3/4 East of Hanston

2 WATER WELL OWNER: <u>Ruff Farms</u> FR#, St. Address, Box # : <u>Rt. 1, Box H7B</u> City, State, ZIP Code : <u>Hanston, Ks. 67849</u>	Board of Agriculture, Division of Water Resources Application Number: <u>#38,233</u>
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL <u>163 1/2</u> ft. ELEVATION: _____ Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft. WELL'S STATIC WATER LEVEL <u>58</u> ft. below land surface measured on <u>6-26-03</u> mo/day/yr Pump test data: Well water was <u>115</u> ft. after <u>3 1/2</u> hours pumping <u>500</u> gpm Est. Yield <u>525</u> gpm: Well water was <u>120</u> ft. after <u>3</u> hours pumping <u>525</u> gpm WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below) _____ 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 _____
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5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS	5 Wrought iron 6 Asbestos-Cement 7 Fiberglass	8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued <u>X</u> Clamped _____ Welded _____ Threaded _____
Blank casing diameter <u>16</u> in. to <u>103 1/2</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.	Casing height above land surface <u>24</u> in., weight <u>Sch 40</u> lbs./ft. Wall thickness or gauge No. _____	
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) _____ 12 None used (open hole) _____		
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) _____ 11 None (open hole) _____		
SCREEN-PERFORATED INTERVALS: From <u>163 1/2</u> ft. to <u>103 1/2</u> ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>163 1/2</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 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) <u>NONE</u>	
Direction from well? _____ How many feet? _____	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Top soil	94	100	Hard sandstone & iron pyrite 6:31
3	14	Tan clay & sandstone	100	105	Sandstone/tan clay streaks 3:54
14	19	Fire clay	105	110	Sandstone/tan clay streaks 4:26
19	23	Sandstone	110	115	Sandstone/tan clay streaks 4:41
23	45	Fire clay	115	120	Sandstone/tan clay streaks 3:01
45	48	Gray shale	120	125	Sandstone, coal & iron pyrite 3:29
48	53	Shale/sandstone streaks	125		HARD iron pyrite
53	60	Sandstone dark/shale streaks	125	130	Sandstone, coal & iron pyrite 5:43
60	65	Dark sandstone/shale streaks 4:13	130	135	Sandstone, coal & iron pyrite 2:48
65	70	Dark sandstone/shale streaks 6:46	135	140	Sandstone, coal & iron pyrite 3:21
70	76	Dark sandstone/shale streaks 4:21	140	145	Sandstone, coal & iron pyrite 3:14
76	80	Hard dark sandstone 5:09	145	150	Sandstone, coal & iron pyrite 1:56
80	83	Hard dark sandstone 7:22	150	153	Sandstone, coal & iron pyrite 3:46
83	90	sandstone, shale & iron pyrite 4:30	153	156	Gray shale/sandstone & coal 9:40

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed <u>reconstructed</u> , (2) <u>reconstructed</u> , or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>XXXXXX 7-1-03</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>7-3-03</u> under the business name of <u>Rosencrantz- Bemis</u> by (signature) <u>Gora Alube</u>
