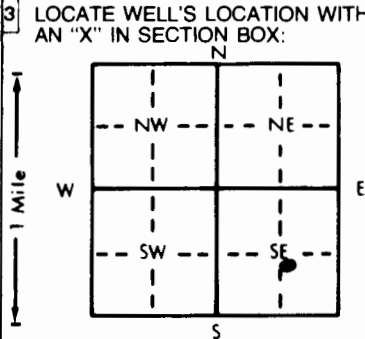


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Cowley Fraction NW 1/4 SE 1/4 SE 1/4 Section Number 27 Township Number T 32 S Range Number R 4 E

Distance and direction from nearest town or city street address of well if located within city?  
2000 Liquitex Lane, Winfield, Ks.

2 WATER WELL OWNER: Hallmark Cards  
 RR#, St. Address, Box # : \_\_\_\_\_ Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : \_\_\_\_\_ Application Number: \_\_\_\_\_



4 DEPTH OF COMPLETED WELL 23' ft. ELEVATION: \_\_\_\_\_  
 Depth(s) Groundwater Encountered 1.14' ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL 13.82 ft. below land surface measured on mo/day/yr 3-31-97  
 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 8 1/2" in. to 23' 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  X; If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes \_\_\_\_\_ No  No

5 TYPE OF BLANK CASING USED:  
 1 Steel \_\_\_\_\_ 3 RMP (SR) \_\_\_\_\_ 5 Wrought iron \_\_\_\_\_ 8 Concrete tile \_\_\_\_\_ CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_  
 2 PVC \_\_\_\_\_ 4 ABS \_\_\_\_\_ 7 Fiberglass \_\_\_\_\_ 9 Other (specify below) \_\_\_\_\_ Welded \_\_\_\_\_  
 Blank casing diameter 2.375 in. to 13' ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface Flush Mt. in., weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. Sch 40  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel \_\_\_\_\_ 3 Stainless steel \_\_\_\_\_ 5 Fiberglass \_\_\_\_\_ 8 RMP (SR) \_\_\_\_\_ 10 Asbestos-cement \_\_\_\_\_  
 2 Brass \_\_\_\_\_ 4 Galvanized steel \_\_\_\_\_ 6 Concrete tile \_\_\_\_\_ 9 ABS \_\_\_\_\_ 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 23' ft. to 13' ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 23' ft. to 11' ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement \_\_\_\_\_ 3 Cement grout  \_\_\_\_\_ 5 Bentonite \_\_\_\_\_ 4 Other \_\_\_\_\_  
 Grout Intervals: From 11' ft. to 4' ft., From 4' ft. to 0' 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 \_\_\_\_\_ 14 Abandoned water well \_\_\_\_\_  
 2 Sewer lines \_\_\_\_\_ 5 Cess pool \_\_\_\_\_ 8 Sewage lagoon \_\_\_\_\_  11 Fuel storage/chemical \_\_\_\_\_ 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? West North West How many feet? 400'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	.50	Asphalt			
.50	3	Dl gray-olive gray tight clay, no odor, dry.			
3	14	Med brn-red brn clay, oxide stained w/ blk iron concretions, dry, no odor.			
14	17	Red brn silty clay to clayey silt, firm, moist, no odor.			
17	22	Lt brn to pink brn silty clay to clayey silt, moist to wet, soft, firm.			
22	23	Red brn silty sand to sand, wet, no odor.			

*F.M. OK'd by Don Taylor*

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) 3-27-97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 539 This Water Well Record was completed on (mo/day/yr) 4-3-97 under the business name of JB Environmental Drilling by (signature) James Bieber

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT 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.

OFFICE USE ONLY T R EW SEC. 1/4 1/4 1/4