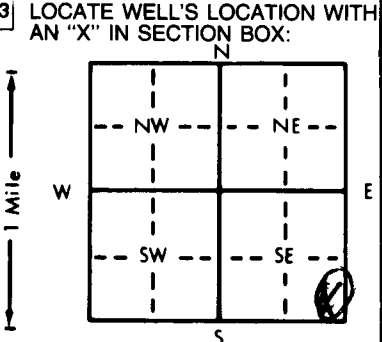


1 LOCATION OF WATER WELL: County: Brown Fraction: SE 1/4 SE 1/4 SE 1/4 Section Number: 21 Township Number: T 2 S Range Number: R 17 E

Distance and direction from nearest town or city street address of well if located within city?  
3/4 East of Hiawatha, KS.

2 WATER WELL OWNER: Esther M. Shannon  
 RR#, St. Address, Box #: RT2 Box 120  
 City, State, ZIP Code: Hiawatha, Kans. 66434  
 Board of Agriculture, Division of Water Resources  
 Application Number: \_\_\_\_\_



3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram]

4 DEPTH OF COMPLETED WELL: 54 ft. ELEVATION: 1100  
 Depth(s) Groundwater Encountered 1. 48 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 39 ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was 45 ft. after 4 hours pumping 5 gpm  
 Est. Yield 6 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 54 in. to 20 ft., and 42 in. to 54 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  If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes  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    6 Asbestos-Cement    9 Other (specify below)    Welded \_\_\_\_\_  
 7 Fiberglass    Threaded \_\_\_\_\_  
 Blank casing diameter: 36 in. to 54 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: 24 in., weight 320 lbs./ft. Wall thickness or gauge No. 3A  
 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 \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL:  Neat cement    2 Cement grout    3 Bentonite    4 Other \_\_\_\_\_  
 Grout Intervals: From 0 ft. to 20 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    14 Abandoned water well  
 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) \_\_\_\_\_  
 13 Insecticide storage  
 Direction from well? \_\_\_\_\_ How many feet? 550' East

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	32	BROWN WIND BLOWN			
32	48	HARD YELLOW CLAY			
48	54	LARGE BASEBALL SIZE GRAVEL - YELLOW - MIXED WITH COARSE SAND PRODUCES MUCH WATER.			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo/day/year) 2-12-90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 320 This Water Well Record was completed on (mo/day/yr) 3-11-90 under the business name of POPPEWEL WELL BORING by (signature) Gerry Popewel