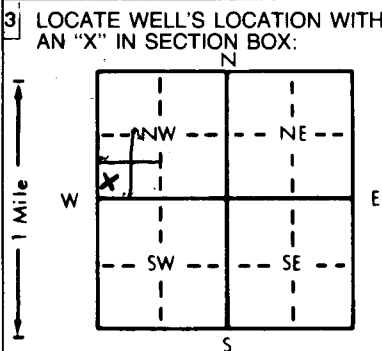


1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 NW 1/4 Section Number 19 Township Number T 2 S Range Number R 19 E

Distance and direction from nearest town or city street address of well if located within city? N.A.

2 WATER WELL OWNER: Gilbert H. Koelliker
 RR#, St. Address, Box #: RT. 1 Box 202
 City, State, ZIP Code: Highland, Ks. 66035
 Board of Agriculture, Division of Water Resources
 Application Number:



4 DEPTH OF COMPLETED WELL: 90 ft. ELEVATION: 1,000
 Depth(s) Groundwater Encountered: 54 ft. 56 ft.
 WELL'S STATIC WATER LEVEL: 54 ft. below land surface measured on 3-9-90
 Pump test data: Well water was 56 ft. after 2 hours pumping 5 gpm
 Est. Yield: 4 gpm Well water was 60 ft. after 4 hours pumping 5 gpm
 Bore Hole Diameter: 54 in. to 20 ft. and 42 in. to 80 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
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below)
 2 PVC 4 ABS 7 Fiberglass
 Blank casing diameter: 36 in. to 80 ft. Dia. 320 lbs./ft. Wall thickness or gauge No. 3"
 Casing height above land surface: 24 in., weight 320 lbs./ft. Wall thickness or gauge No. 3"
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 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:
 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: 1 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? 300 NW
 How many feet? 300 NW

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	13	BROWN WIND BLOWN			
13	34	HARD YELLOW CLAY			
34	44	BLUE / GRAY CLAY			
44	56	VERY HARD BLUE CLAY MIXED WITH LARGE BOULDERS THROUGHOUT			
56	80	COARSE YELLOW / BROWN SAND - VERY PRODUCTIVE			
	80	BLUE CLAY - HARD - NEAR SHALE			

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) 3-9-90 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) 3-12-90 under the business name of POPPLEWELL WELL BORING by (signature) Jerry Popplewell