

1 LOCATION OF WATER WELL: County: Cowley	Fraction SW 1/4 SW 1/4 NE 1/4	Section Number 19	Township Number T 33 S	Range Number R 4 <u>E</u>W
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Distance and direction from nearest town or city street address of well if located within city?
2 miles N of Arkansas City at Strother Field Industrial Park

2 WATER WELL OWNER: **General Electric Company**
 RR#, St. Address, Box #: **STROTHER FIELD Industrial Park, P. O. Box 797** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Arkansas City, Kansas 67005** Application Number:

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

4 DEPTH OF COMPLETED WELL: **22.0** ft. ELEVATION: _____ ft.
 Depth(s) Groundwater Encountered 1. **12.5** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **9.01** ft. below land surface measured on **3/8/85** at _____ measuring point
 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: **6-1/4** in. to **22.0** in. ft., and _____ in. to _____ ft.
 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)**
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well **Monitoring**
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No **x** _____; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No **x** _____

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 **x** _____
 Blank casing diameter **2** in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface **24** in., weight _____ lbs./ft. Wall thickness or gauge No. **Sched. 40**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass **7 PVC** 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 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 **12.0** ft. to **22.0** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **7** ft. to **22** 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 Cement/bentonite**
 Grout Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From **0** ft. to **7** 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 **Industrial Activity**
 Direction from well? **All around** How many feet? **100'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	0.3	Asphalt			
0.3	1.5	Gravel			
1.5	8.2	Gray silty clay, trace sand, moist, stiff			
8.2	12.4	Gray brown sandy silt, moist, stiff			
12.4	21.0	Brown fine sand, wet, dense			
21.0	22.0	Brown medium to coarse sand, wet, dense			
22.0	Total	Depth			

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) **2/22/85** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **102**. This Water Well Record was completed on (mo/day/yr) **3/15/85** under the business name of **Layne-Western Company, Inc.** by (signature) **Diana X Alumbush**

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

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