

| | | | | |
|---------------------------|----------------------|----------------|-----------------|---------------|
| 1 LOCATION OF WATER WELL: | Fraction | Section Number | Township Number | Range Number |
| County: <u>Cowley</u> | NW 1/4 SW 1/4 SE 1/4 | 18 | T 33 S | R 4 EW |

Distance and direction from nearest town or city street address of well if located within city?
2 miles N of Ark. City at Strother Field Industrial Park

2 WATER WELL OWNER: General Electric Co.
 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: 25.5 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 17.5 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 17.94 ft. below measuring point measured on mo/day/yr 5/14/85
 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. 9-5/8 in. to 29.5 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) | 6 Asbestos-Cement | 9 Other (specify below) | CASING JOINTS: Glued _____ Clamped _____ |
| 2 PVC | 4 ABS | 7 Fiberglass | | Welded _____ |
| Blank casing diameter <u>2</u> in. to <u>15.5</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. | | | | Threaded <u>X</u> |
| Casing height above land surface <u>24</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>Schedule 40</u> | | | | |

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 15.5 ft. to 25.5 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 13.0 ft. to 25.0 ft., From _____ ft. to _____ ft.
 Formation Collapse From 25.0 ft. to 29.5 ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite **4 Other** Cement/Bentonite
 Grout intervals: From 0 ft. to 13.0 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 **6 Other (specify below)**
Industrial Activity
 Direction from well? all around How many feet? 100'

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|------|-------|---|------|----|----------------|
| 0.0 | 0.5 | Topsoil | | | |
| 0.5 | 2.5 | Dark brown silty clay, trace sand, moist, stiff | | | |
| 2.5 | 7.0 | Brown silty clay, trace sand, moist, stiff | | | |
| 7.0 | 13.0 | Dark gray silty clay, trace sand, moist, medium | | | |
| 13.0 | 19.0 | Gray sandy silty clay, moist, stiff | | | |
| 19.0 | 22.5 | Brown sandy silty clay, moist, medium | | | |
| 22.5 | 29.5 | Brown fine to medium sand, wet, dense | | | |
| 29.5 | 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) 5/10/85 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) 6/15/85 under the business name of Layne-Western Company, Inc. by (signature) Diana S. Alumbaugh

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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