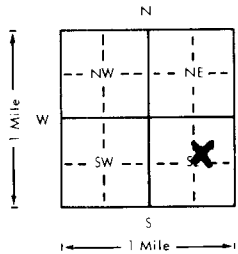


|                                                                                                                                                                                                                                                                                                                                                               |     |                             |                                                                                                  |                                                       |                  |    |                |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|----|----------------|--|
| <b>1 LOCATION OF WATER WELL</b>                                                                                                                                                                                                                                                                                                                               |     | Fraction                    | Section Number                                                                                   | Township Number                                       | Range Number     |    |                |  |
| County: <u>SEDGWICK</u>                                                                                                                                                                                                                                                                                                                                       |     | <u>SW 1/4 NE 1/4 SE 1/4</u> | <u>23</u>                                                                                        | <u>T 28 S</u>                                         | <u>R 3 W E/W</u> |    |                |  |
| Distance and direction from nearest town or city?                                                                                                                                                                                                                                                                                                             |     |                             | Street address of well if located within city? <u>Lake Waltana #12 Lakewood Dr. Goddard, Ks.</u> |                                                       |                  |    |                |  |
| <b>2 WATER WELL OWNER: Dr. Callender</b>                                                                                                                                                                                                                                                                                                                      |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| RR#, St. Address, Box # : <u>#2 Lakewood Dr.</u>                                                                                                                                                                                                                                                                                                              |     |                             | Board of Agriculture, Division of Water Resources                                                |                                                       |                  |    |                |  |
| City, State, ZIP Code : <u>Goddard, Ks.</u>                                                                                                                                                                                                                                                                                                                   |     |                             | Application Number:                                                                              |                                                       |                  |    |                |  |
| <b>3 DEPTH OF COMPLETED WELL</b> <u>130</u> ft. Bore Hole Diameter <u>11</u> in. to <u>11</u> in. to <u>11</u> in. to <u>11</u> ft.                                                                                                                                                                                                                           |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Well Water to be used as:                                                                                                                                                                                                                                                                                                                                     |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| 1 Domestic 3 Feedlot                                                                                                                                                                                                                                                                                                                                          |     | 5 Public water supply       |                                                                                                  | 8 Air conditioning 11 Injection well                  |                  |    |                |  |
| 2 Irrigation 4 Industrial                                                                                                                                                                                                                                                                                                                                     |     | 6 Oil field water supply    |                                                                                                  | 9 Dewatering 12 Other (Specify below)                 |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     | 7 Lawn and garden only      |                                                                                                  | 10 Observation well                                   |                  |    |                |  |
| Well's static water level <u>16</u> ft. below land surface measured on <u>6</u> month <u>30</u> day <u>80</u> year                                                                                                                                                                                                                                            |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Pump Test Data : Well water was <u>        </u> ft. after <u>        </u> hours pumping <u>        </u> gpm                                                                                                                                                                                                                                                   |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Est. Yield gpm: Well water was <u>        </u> ft. after <u>        </u> hours pumping <u>        </u> gpm                                                                                                                                                                                                                                                    |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| <b>4 TYPE OF BLANK CASING USED:</b>                                                                                                                                                                                                                                                                                                                           |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| 1 Steel 3 RMP (SR)                                                                                                                                                                                                                                                                                                                                            |     | 5 Wrought iron              |                                                                                                  | 8 Concrete tile                                       |                  |    |                |  |
| 2 PVC 4 ABS                                                                                                                                                                                                                                                                                                                                                   |     | 6 Asbestos-Cement           |                                                                                                  | 9 Other (specify below)                               |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     | 7 Fiberglass                |                                                                                                  | Casing Joints: Glued <u>X</u> Clamped <u>        </u> |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     |                             |                                                                                                  | Welded <u>        </u>                                |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     |                             |                                                                                                  | Threaded <u>        </u>                              |                  |    |                |  |
| Blank casing dia <u>5</u> in. to <u>30</u> ft. Dia <u>        </u> in. to <u>        </u> ft. Dia <u>        </u> in. to <u>        </u> ft.                                                                                                                                                                                                                  |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Casing height above land surface <u>12</u> in., weight <u>        </u> lbs./ft. Wall thickness or gauge No <u>200</u>                                                                                                                                                                                                                                         |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| <b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b>                                                                                                                                                                                                                                                                                                                |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| 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) <u>        </u>         |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     |                             |                                                                                                  | 9 ABS 12 None used (open hole)                        |                  |    |                |  |
| Screen or Perforation Openings Are:                                                                                                                                                                                                                                                                                                                           |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| 1 Continuous slot 3 Mill slot                                                                                                                                                                                                                                                                                                                                 |     | 5 Gauzed wrapped            |                                                                                                  | 8 Saw cut <u>.06</u> 11 None (open hole)              |                  |    |                |  |
| 2 Louvered shutter 4 Key punched                                                                                                                                                                                                                                                                                                                              |     | 6 Wire wrapped              |                                                                                                  | 9 Drilled holes                                       |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     | 7 Torch cut                 |                                                                                                  | 10 Other (specify) <u>        </u>                    |                  |    |                |  |
| Screen-Perforation Dia <u>5</u> in. to <u>130</u> ft. Dia <u>        </u> in. to <u>        </u> ft. Dia <u>        </u> in. to <u>        </u> ft.                                                                                                                                                                                                           |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Screen-Perforated Intervals: From <u>30</u> ft. to <u>130</u> ft. From <u>        </u> ft. to <u>        </u> ft. From <u>        </u> ft. to <u>        </u> ft.                                                                                                                                                                                             |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Gravel Pack Intervals: From <u>14</u> ft. to <u>130</u> ft. From <u>        </u> ft. to <u>        </u> ft. From <u>        </u> ft. to <u>        </u> ft.                                                                                                                                                                                                   |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| <b>5 GROUT MATERIAL:</b>                                                                                                                                                                                                                                                                                                                                      |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| 1 Neat cement                                                                                                                                                                                                                                                                                                                                                 |     | 2 Cement grout              |                                                                                                  | 3 Bentonite 4 Other <u>        </u>                   |                  |    |                |  |
| Grouted Intervals: From <u>40"</u> ft. to <u>14</u> ft. From <u>        </u> ft. to <u>        </u> ft. From <u>        </u> ft. to <u>        </u> ft.                                                                                                                                                                                                       |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| What is the nearest source of possible contamination:                                                                                                                                                                                                                                                                                                         |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| 1 Septic tank 4 Cess pool                                                                                                                                                                                                                                                                                                                                     |     | 7 Sewage lagoon             |                                                                                                  | 10 Fuel storage 14 Abandoned water well               |                  |    |                |  |
| 2 Sewer lines 5 Seepage pit                                                                                                                                                                                                                                                                                                                                   |     | 8 Feed yard                 |                                                                                                  | 11 Fertilizer storage 15 Oil well/Gas well            |                  |    |                |  |
| 3 Lateral lines 6 Pit privy                                                                                                                                                                                                                                                                                                                                   |     | 9 Livestock pens            |                                                                                                  | 12 Insecticide storage 16 Other (specify below)       |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     |                             |                                                                                                  | 13 Watertight sewer lines                             |                  |    |                |  |
| Direction from well <u>Southeast</u> How many feet <u>75</u> ? Water Well Disinfected? Yes <u>X</u> No <u>        </u>                                                                                                                                                                                                                                        |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Was a chemical/bacteriological sample submitted to Department? Yes <u>        </u> No <u>X</u> If yes, date sample was submitted <u>        </u> month <u>        </u> day <u>        </u> year: Pump Installed? Yes <u>X</u> No <u>        </u>                                                                                                              |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| If Yes: Pump Manufacturer's name <u>Red Jacket</u> Model No. <u>7.5TI</u> HP <u>3/4</u> Volts <u>230</u>                                                                                                                                                                                                                                                      |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Depth of Pump Intake <u>120</u> ft. Pumps Capacity rated at <u>18</u> gal./min.                                                                                                                                                                                                                                                                               |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other <u>        </u>                                                                                                                                                                                                                                                             |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| <b>6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on <u>6</u> month <u>30</u> day <u>80</u> year                                                                                                                                             |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>236</u>                                                                                                                                                                                                                                         |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| This Water Well Record was completed on <u>8</u> month <u>15</u> day <u>1980</u> year under the business name of <u>Harp Well &amp; Pump</u> by (signature) <u>m. Arnold</u>                                                                                                                                                                                  |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| <b>7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>                                                                                                                                                                                                                                                                                                   |     |                             |                                                                                                  |                                                       |                  |    |                |  |
|                                                                                                                                                                                                                                                                             |     | FROM                        | TO                                                                                               | LITHOLOGIC LOG                                        | FROM             | TO | LITHOLOGIC LOG |  |
|                                                                                                                                                                                                                                                                                                                                                               |     | 0                           | 2                                                                                                | Topsoil                                               |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     | 2                           | 8                                                                                                | Sandy Clay                                            |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     | 8                           | 20                                                                                               | Fine to Medium Sand                                   |                  |    |                |  |
|                                                                                                                                                                                                                                                                                                                                                               |     | 20                          | 28                                                                                               | Medium to Coarse Sand                                 |                  |    |                |  |
| 28                                                                                                                                                                                                                                                                                                                                                            | 130 | Blue Shale                  |                                                                                                  |                                                       |                  |    |                |  |
| ELEVATION:                                                                                                                                                                                                                                                                                                                                                    |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| Depth(s) Groundwater Encountered 1. <u>16</u> ft. 2. <u>        </u> ft. 3. <u>        </u> ft. 4. <u>        </u> ft. (Use a second sheet if needed)                                                                                                                                                                                                         |     |                             |                                                                                                  |                                                       |                  |    |                |  |
| 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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records. |     |                             |                                                                                                  |                                                       |                  |    |                |  |