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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------|------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|--------------|--|
| 1 LOCATION OF WATER WELL:                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | Fraction             |      | Section Number |                                                                                                                                                                                                                                                      | Township Number |  | Range Number |  |
| County: <u>SEDGWICK</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    | NE 1/4 SW 1/4 NE 1/4 |      | 12             |                                                                                                                                                                                                                                                      | T 29 S          |  | R 1 E E/W    |  |
| Distance and direction from nearest town or city street address of well if located within city?                                                                                                                                                                                                                                                                                                                                                                                                    |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 522 So. Derby Derby, Ks.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 2 WATER WELL OWNER: Gary Shepherd                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                      |      |                | Board of Agriculture, Division of Water Resources                                                                                                                                                                                                    |                 |  |              |  |
| RR#, St. Address, Box # : 522 S. Derby                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                      |      |                | Application Number:                                                                                                                                                                                                                                  |                 |  |              |  |
| City, State, ZIP Code : Derby, Kansas                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                      |      |                | 4 DEPTH OF COMPLETED WELL: 60 ft. ELEVATION:                                                                                                                                                                                                         |                 |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                      |      |                | Depth(s) Groundwater Encountered 1. 20 ft. 2. ft. 3. ft.                                                                                                                                                                                             |                 |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                      |      |                | WELL'S STATIC WATER LEVEL 20 ft. below land surface measured on mo/day/yr 1-3-84                                                                                                                                                                     |                 |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                      |      |                | 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 11 in. to ft., and in. to ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| WELL WATER TO BE USED AS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                      |      |                | 5 Public water supply    8 Air conditioning    11 Injection well<br>1 Domestic    3 Feedlot    6 Oil field water supply    9 Dewatering    12 Other (Specify below)<br>2 Irrigation    4 Industrial    7 Lawn and garden only    10 Observation well |                 |  |              |  |
| Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> ; If yes, mo/day/yr sample was submitted                                                                                                                                                                                                                                                                                                                                                                            |    |                      |      |                | Water Well Disinfected? Yes <u>X</u> No                                                                                                                                                                                                              |                 |  |              |  |
| 5 TYPE OF BLANK CASING USED:                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                      |      |                | CASING JOINTS: Glued <u>X</u> Clamped                                                                                                                                                                                                                |                 |  |              |  |
| 1 Steel    3 RMP (SR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                      |      |                | 6 Asbestos-Cement    9 Other (specify below)    Welded                                                                                                                                                                                               |                 |  |              |  |
| 2 PVC    4 <u>ABS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                      |      |                | 7 Fiberglass    Cer-Mac styrene SDR-26    Threaded                                                                                                                                                                                                   |                 |  |              |  |
| Blank casing diameter 5 in. to 25 ft., Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                      |      |                | in. to ft., Dia in. to ft.                                                                                                                                                                                                                           |                 |  |              |  |
| Casing height above land surface 12 in., weight 1.59 lbs./ft. Wall thickness or gauge No. 203                                                                                                                                                                                                                                                                                                                                                                                                      |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| TYPE OF SCREEN OR PERFORATION MATERIAL:                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                      |      |                | 7 PVC    10 Asbestos-cement                                                                                                                                                                                                                          |                 |  |              |  |
| 1 Steel    3 Stainless steel    5 Fiberglass    8 <u>RMP (SR)</u> 11 Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                               |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 2 Brass    4 Galvanized steel    6 Concrete tile    9 ABS    12 None used (open hole)                                                                                                                                                                                                                                                                                                                                                                                                              |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| SCREEN OR PERFORATION OPENINGS ARE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                      |      |                | 8 <u>Saw cut</u> 11 None (open hole)                                                                                                                                                                                                                 |                 |  |              |  |
| 1 Continuous slot    3 Mill slot    5 Gauzed wrapped    6 Wire wrapped    9 Drilled holes                                                                                                                                                                                                                                                                                                                                                                                                          |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 2 Louvered shutter    4 Key punched    7 Torch cut    10 Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| SCREEN-PERFORATED INTERVALS: From 25 ft. to 58 ft., From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| GRAVEL PACK INTERVALS: From 14 ft. to 58 ft., From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 6 GROUT MATERIAL: 1 Neat cement    2 <u>Cement grout</u> 3 Bentonite    4 Other                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| Grout Intervals: From 4 ft. to 14 ft., From ft. to ft., From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| What is the nearest source of possible contamination:                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                      |      |                | 10 Livestock pens    14 Abandoned water well                                                                                                                                                                                                         |                 |  |              |  |
| 1 Septic tank    4 Lateral lines    7 Pit privy    11 Fuel storage    15 Oil well/Gas well                                                                                                                                                                                                                                                                                                                                                                                                         |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 2 Sewer lines    5 Cess pool    8 Sewage lagoon    12 Fertilizer storage    16 Other (specify below)                                                                                                                                                                                                                                                                                                                                                                                               |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 3 Watertight sewer lines    6 Seepage pit    9 Feedyard    13 Insecticide storage                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| Direction from well? <u>East</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                      |      |                | How many feet? <u>75</u>                                                                                                                                                                                                                             |                 |  |              |  |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TO | LITHOLOGIC LOG       | FROM | TO             | LITHOLOGIC LOG                                                                                                                                                                                                                                       |                 |  |              |  |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 18 | Clay                 |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 33 | Sand                 |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 55 | Clay                 |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 56 | Broken Formation     |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 60 | Shale                |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>1-3-84</u> 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 (mo/day/yr) <u>5-31-84</u> under the business name of <u>Harp Well &amp; Pump Service, Inc.</u> by (signature) <u>Mary Arnold</u> |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |
| INSTRUCTIONS: Use typewriter or ball point pen, <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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.                                                                                                                 |    |                      |      |                |                                                                                                                                                                                                                                                      |                 |  |              |  |