

## WATER WELL RECORD Form WWC-5 KSA 82a-1212

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------|---------------------------------------------------|---------------------------|--|------------------------------|--|
| <b>1 LOCATION OF WATER WELL:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Fraction                                                                                                        |  | Section Number                                           |                                                   | Township Number           |  | Range Number                 |  |
| County: Sedgwick                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | W 1/4 NW 1/4 SE 1/4                                                                                             |  | 12                                                       |                                                   | T 29 S                    |  | R 1 <b>E</b>                 |  |
| Distance and direction from nearest town or city street address of well if located within city?                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| Approximately 370 East and 1470 Feet South of the Intersection of Kay and Buckner Streets, Derby, KS 01928018 MW-5                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| <b>2 WATER WELL OWNER:</b> Atchison, Topeka and Santa Fe Railroad                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| RR#, St. Address, Box # : One Santa Fe Plaza                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                 |  |                                                          | Board of Agriculture, Division of Water Resources |                           |  |                              |  |
| City, State, ZIP Code : Topeka, KS 66612-1116                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                 |  |                                                          | Application Number:                               |                           |  |                              |  |
| <b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>                                                                                                                                                                                                                                                                                                                                                                                                    |  | <b>4 DEPTH OF COMPLETED WELL</b> 49.5 ft. <b>ELEVATION:</b>                                                     |  |                                                          |                                                   |                           |  |                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Depth(s) Groundwater Encountered 1. 42.0 ft. 2. ft. 3. ft.                                                      |  |                                                          |                                                   |                           |  |                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr 06/15/92                                 |  |                                                          |                                                   |                           |  |                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 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 8.5 in. to 49.5 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                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 2 Irrigation                                                                                                    |  | 4 Industrial                                             |                                                   | 7 Lawn and garden only    |  | 10 Monitoring well           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 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                                                                                |  |                                                          |                                                   |                           |  |                              |  |
| <b>5 TYPE OF BLANK CASING USED:</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| 1 Steel                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 3 RMP (SR)                                                                                                      |  | 5 Wrought iron                                           |                                                   | 8 Concrete tile           |  | CASING JOINTS: Glued Clamped |  |
| <b>2 PVC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 4 ABS                                                                                                           |  | 6 Asbestos-Cement                                        |                                                   | 9 Other (specify below)   |  | Welded                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                 |  | 7 Fiberglass                                             |                                                   |                           |  | Threaded X                   |  |
| Blank casing diameter 2 in. to 34.5 ft., Dia in. to ft., Dia in. to ft.                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| Casing height above land surface 36 in., weight lbs./ft. Wall thickness or gauge No. Schedule 40                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| <b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| 1 Steel                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 3 Stainless steel                                                                                               |  | 5 Fiberglass                                             |                                                   | 8 RMP (SR)                |  | 10 Asbestos-cement           |  |
| 2 Brass                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 4 Galvanized steel                                                                                              |  | 6 Concrete tile                                          |                                                   | 9 ABS                     |  | 11 Other (specify)           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                 |  |                                                          |                                                   |                           |  | 12 None used (open hole)     |  |
| <b>SCREEN OR PERFORATION OPENINGS ARE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| 1 Continuous slot                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>3 Mill slot</b>                                                                                              |  | 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)        |  |                              |  |
| <b>SCREEN-PERFORATED INTERVALS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | From 34.5 ft. to 49.5 ft.                                                                                       |  | From 30.5 ft. to 32.5 ft.                                |                                                   | From 30.5 ft. to 32.5 ft. |  | From 30.5 ft. to 32.5 ft.    |  |
| <b>GRAVEL PACK INTERVALS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | From 32.5 ft. to 49.5 ft.                                                                                       |  | From 30.5 ft. to 32.5 ft.                                |                                                   | From 30.5 ft. to 32.5 ft. |  | From 30.5 ft. to 32.5 ft.    |  |
| <b>6 GROUT MATERIAL:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| <b>1 Neat cement</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 2 Cement grout                                                                                                  |  | <b>3 Bentonite</b>                                       |                                                   | 4 Other                   |  |                              |  |
| Grout Intervals: From 0 ft. to 30.5 ft., From 30.5 ft. to 32.5 ft., From 30.5 ft. to 32.5 ft., From 30.5 ft. to 32.5 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                                          |                                                   | <b>11 Fuel storage</b>    |  | 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? North-Northeast                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| How many feet? Approximately 1430                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |
| <b>FROM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | <b>TO</b>                                                                                                       |  | <b>LITHOLOGIC LOG</b>                                    |                                                   | <b>FROM</b>               |  | <b>TO</b>                    |  |
| 0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 9.5                                                                                                             |  | Sandy, Lean to Fat Clay, Fine-Grained, Brown, Silty      |                                                   |                           |  |                              |  |
| 9.5                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 14.5                                                                                                            |  | Lean to Fat Clay, Silty, Very Fine Sand, Brown           |                                                   |                           |  |                              |  |
| 14.5                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 26.5                                                                                                            |  | Silty, Lean + Fat Clay, Light Brown-Tan                  |                                                   |                           |  |                              |  |
| 26.5                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 35.0                                                                                                            |  | Fine Sand, Light Brown-Tan                               |                                                   |                           |  |                              |  |
| 35.0                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 41.0                                                                                                            |  | Medium to Coarse Sand, Silty, Tan, White, Pink           |                                                   |                           |  |                              |  |
| 41.0                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 49.5                                                                                                            |  | Fine to Coarse Sand, Trace Very Coarse, Tan, White, Pink |                                                   |                           |  |                              |  |
| <b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <b>1</b> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 06/15/92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 6/15/92 under the business name of Terracon Consultants, Inc. by (signature) Steve Finkbe |  |                                                                                                                 |  |                                                          |                                                   |                           |  |                              |  |

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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.