

|                                                                                                                                                                                                                                                                                                                                                                                      |        |                              |                                                                                                        |                          |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------|
| 1 LOCATION OF WATER WELL:                                                                                                                                                                                                                                                                                                                                                            |        | Fraction                     | Section Number                                                                                         | Township Number          | Range Number                          |
| County: <u>Pratt</u>                                                                                                                                                                                                                                                                                                                                                                 |        | <u>1/4 E side 1/4 SW 1/4</u> | <u>23</u>                                                                                              | <u>T 29 S</u>            | <u>R 14 E/W</u>                       |
| Distance and direction from nearest town or city street address of well if located within city?                                                                                                                                                                                                                                                                                      |        |                              |                                                                                                        |                          |                                       |
| <u>1/4 south of Coats, Ks.</u>                                                                                                                                                                                                                                                                                                                                                       |        |                              |                                                                                                        |                          |                                       |
| 2 WATER WELL OWNER:                                                                                                                                                                                                                                                                                                                                                                  |        |                              |                                                                                                        |                          |                                       |
| RR#, St. Address, Box # :                                                                                                                                                                                                                                                                                                                                                            |        |                              | Board of Agriculture, Division of Water Resources                                                      |                          |                                       |
| City, State, ZIP Code :                                                                                                                                                                                                                                                                                                                                                              |        |                              | Application Number: <u>42,831</u>                                                                      |                          |                                       |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                                                                                                                 |        |                              | 4 DEPTH OF COMPLETED WELL: <u>166</u> ft. ELEVATION:                                                   |                          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                      |        |                              | Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.                                   |                          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                      |        |                              | WELL'S STATIC WATER LEVEL <u>71</u> ft. below land surface measured on mo/day/yr <u>1-6-99</u>         |                          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                      |        |                              | Pump test data: Well water was .... ft. after .... hours pumping .... gpm                              |                          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                      |        |                              | Est. Yield <u>1200</u> gpm: Well water was <u>114</u> ft. after <u>2</u> hours pumping <u>1000</u> gpm |                          |                                       |
| Bore Hole Diameter: <u>28</u> in. to <u>166</u> ft., and .... in. to .... ft.                                                                                                                                                                                                                                                                                                        |        |                              | WELL WATER TO BE USED AS:                                                                              |                          |                                       |
| 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)                                                                                                                                                                                                                                                                                                  |        |                              | 5 Public water supply 8 Air conditioning 11 Injection well                                             |                          |                                       |
| 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring 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 No <u>X</u>                                                                                                                                                                                                                                                                                                                                              |        |                              |                                                                                                        |                          |                                       |
| 5 TYPE OF BLANK CASING USED:                                                                                                                                                                                                                                                                                                                                                         |        |                              |                                                                                                        |                          |                                       |
| 1 Steel                                                                                                                                                                                                                                                                                                                                                                              |        | 3 RMP (SR)                   | 5 Wrought iron                                                                                         | 8 Concrete tile          | CASING JOINTS: Glued <u>X</u> Clamped |
| 2 PVC                                                                                                                                                                                                                                                                                                                                                                                |        | 4 ABS                        | 6 Asbestos-Cement                                                                                      | 9 Other (specify below)  | Welded                                |
|                                                                                                                                                                                                                                                                                                                                                                                      |        |                              | 7 Fiberglass                                                                                           |                          | Threaded                              |
| Blank casing diameter <u>1.6</u> in. to <u>126</u> ft., Dia. .... in. to .... ft., Dia. .... in. to .... ft.                                                                                                                                                                                                                                                                         |        |                              |                                                                                                        |                          |                                       |
| Casing height above land surface <u>12</u> in., weight <u>SDR 32.5</u> lbs./ft. Wall thickness or gauge No. ....                                                                                                                                                                                                                                                                     |        |                              |                                                                                                        |                          |                                       |
| TYPE OF SCREEN OR PERFORATION MATERIAL:                                                                                                                                                                                                                                                                                                                                              |        |                              |                                                                                                        |                          |                                       |
| 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)              |
| SCREEN OR PERFORATION OPENINGS ARE:                                                                                                                                                                                                                                                                                                                                                  |        |                              |                                                                                                        |                          |                                       |
| 1 Continuous slot                                                                                                                                                                                                                                                                                                                                                                    |        | 3 Mill slot                  | 5 Gauzed wrapped                                                                                       | 8 Saw cut                | 11 None (open hole)                   |
| 2 Louvered shutter                                                                                                                                                                                                                                                                                                                                                                   |        | 4 Key punched                | 6 Wire wrapped                                                                                         | 9 Drilled holes          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                      |        |                              | 7 Torch cut                                                                                            | 10 Other (specify) ....  |                                       |
| SCREEN-PERFORATED INTERVALS: From <u>126</u> ft. to <u>166</u> ft., From .... ft. to .... ft.                                                                                                                                                                                                                                                                                        |        |                              |                                                                                                        |                          |                                       |
| From .... ft. to .... ft., From .... ft. to .... ft.                                                                                                                                                                                                                                                                                                                                 |        |                              |                                                                                                        |                          |                                       |
| GRAVEL PACK INTERVALS: From <u>166</u> ft. to <u>20</u> ft., From .... ft. to .... ft.                                                                                                                                                                                                                                                                                               |        |                              |                                                                                                        |                          |                                       |
| From .... ft. to .... ft., From .... ft. to .... ft.                                                                                                                                                                                                                                                                                                                                 |        |                              |                                                                                                        |                          |                                       |
| 6 GROUT MATERIAL:                                                                                                                                                                                                                                                                                                                                                                    |        |                              |                                                                                                        |                          |                                       |
| 1 Neat cement                                                                                                                                                                                                                                                                                                                                                                        |        | 2 Cement grout               | 3 Bentonite                                                                                            | 4 Other <u>hole plug</u> |                                       |
| Grout Intervals: From <u>20</u> ft. to <u>0</u> ft., From .... ft. to .... ft., From .... ft. to .... ft.                                                                                                                                                                                                                                                                            |        |                              |                                                                                                        |                          |                                       |
| What is the nearest source of possible contamination:                                                                                                                                                                                                                                                                                                                                |        |                              |                                                                                                        |                          |                                       |
| 1 Septic tank                                                                                                                                                                                                                                                                                                                                                                        |        | 4 Lateral lines              | 7 Pit privy                                                                                            | 10 Livestock pens        | 14 Abandoned water well               |
| 2 Sewer lines                                                                                                                                                                                                                                                                                                                                                                        |        | 5 Cess pool                  | 8 Sewage lagoon                                                                                        | 11 Fuel storage          | 15 Oil well/Gas well                  |
| 3 Watertight sewer lines                                                                                                                                                                                                                                                                                                                                                             |        | 6 Seepage pit                | 9 Feedyard                                                                                             | 12 Fertilizer storage    | 16 Other (specify below)              |
|                                                                                                                                                                                                                                                                                                                                                                                      |        |                              |                                                                                                        | 13 Insecticide storage   | <u>none</u>                           |
| Direction from well? How many feet?                                                                                                                                                                                                                                                                                                                                                  |        |                              |                                                                                                        |                          |                                       |
| FROM                                                                                                                                                                                                                                                                                                                                                                                 | TO     | LITHOLOGIC LOG               | FROM                                                                                                   | TO                       | PLUGGING INTERVALS                    |
| 0                                                                                                                                                                                                                                                                                                                                                                                    | 3      | Top soil                     | 115                                                                                                    | 166                      | Sand & gravel medium, loose & clean   |
| 3                                                                                                                                                                                                                                                                                                                                                                                    | 7      | Brown clay                   |                                                                                                        |                          |                                       |
| 7                                                                                                                                                                                                                                                                                                                                                                                    | 20     | Brown & white clay           |                                                                                                        |                          |                                       |
| 20                                                                                                                                                                                                                                                                                                                                                                                   | 30     | Sand & gravel clean, loose   |                                                                                                        |                          |                                       |
| 30                                                                                                                                                                                                                                                                                                                                                                                   | 35     | Sand & gravel w/ clay        |                                                                                                        |                          |                                       |
| 35                                                                                                                                                                                                                                                                                                                                                                                   | 42     | Sand & gravel clean, loose   |                                                                                                        |                          |                                       |
| 42                                                                                                                                                                                                                                                                                                                                                                                   | 48     | Brown clay                   |                                                                                                        |                          |                                       |
| 48                                                                                                                                                                                                                                                                                                                                                                                   | 49     | Hard white rock              |                                                                                                        |                          |                                       |
| 49                                                                                                                                                                                                                                                                                                                                                                                   | 59     | Brown & white clay           |                                                                                                        |                          |                                       |
| 59                                                                                                                                                                                                                                                                                                                                                                                   | 65     | Sand & gravel w/ clay        |                                                                                                        |                          |                                       |
| 65                                                                                                                                                                                                                                                                                                                                                                                   | 88     | Sand & gravel clean medium   |                                                                                                        |                          |                                       |
| 88                                                                                                                                                                                                                                                                                                                                                                                   | 88 1/2 | Hard                         |                                                                                                        |                          |                                       |
| 88 1/2                                                                                                                                                                                                                                                                                                                                                                               | 97     | Sand & gravel little clay    |                                                                                                        |                          |                                       |
| 97                                                                                                                                                                                                                                                                                                                                                                                   | 105    | Clay & rock                  |                                                                                                        |                          |                                       |
| 105                                                                                                                                                                                                                                                                                                                                                                                  | 115    | Gray clay                    |                                                                                                        |                          |                                       |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>2-23-99</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>134</u> This Water Well Record was completed on (mo/day/yr) <u>2-25-99</u> |        |                              |                                                                                                        |                          |                                       |
| under the business name of <u>Rosencrantz-Bemis</u>                                                                                                                                                                                                                                                                                                                                  |        |                              | by (signature) <u>Fredia Dodson</u>                                                                    |                          |                                       |