

|                                                                                                                                                                                                                                                                                                  |           |                                                                                                  |                   |                                                   |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------|---------------------------------------|
| 1 LOCATION OF WATER WELL:                                                                                                                                                                                                                                                                        |           | Fraction                                                                                         | Section Number    | Township Number                                   | Range Number                          |
| County: <u>Harvey</u>                                                                                                                                                                                                                                                                            |           | <u>SW 1/4 SW 1/4 SW 1/4</u>                                                                      | <u>25</u>         | T <u>22</u> S                                     | R <u>2</u> <u>EW</u>                  |
| Distance and direction from nearest town or city street address of well if located within city?<br><u>6 mi N of Halstead - 4900 Hertzler Rd</u>                                                                                                                                                  |           |                                                                                                  |                   |                                                   |                                       |
| 2 WATER WELL OWNER: <u>Bill Toews</u>                                                                                                                                                                                                                                                            |           |                                                                                                  |                   |                                                   |                                       |
| RR#, St. Address, Box # : <u>4900 Hertzler Rd</u>                                                                                                                                                                                                                                                |           |                                                                                                  |                   | Board of Agriculture, Division of Water Resources |                                       |
| City, State, ZIP Code : <u>Halstead, KS 67056</u>                                                                                                                                                                                                                                                |           |                                                                                                  |                   | Application Number:                               |                                       |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                             |           | 4 DEPTH OF COMPLETED WELL: <u>93</u> ft. ELEVATION:                                              |                   |                                                   |                                       |
|                                                                                                                                                                                                                                                                                                  |           | Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.                             |                   |                                                   |                                       |
|                                                                                                                                                                                                                                                                                                  |           | WELL'S STATIC WATER LEVEL <u>34</u> ft. below land surface measured on mo/day/yr <u>11-18-97</u> |                   |                                                   |                                       |
|                                                                                                                                                                                                                                                                                                  |           | Pump test data: Well water was <u>40</u> ft. after <u>1/2</u> hours pumping <u>25</u> gpm        |                   |                                                   |                                       |
|                                                                                                                                                                                                                                                                                                  |           | Est. Yield ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm               |                   |                                                   |                                       |
|                                                                                                                                                                                                                                                                                                  |           | Bore Hole Diameter <u>8</u> in. to <u>97</u> ft. and ..... in. to ..... ft.                      |                   |                                                   |                                       |
| WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well                                                                                                                                                                                                             |           |                                                                                                  |                   |                                                   |                                       |
| <input checked="" type="radio"/> Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)                                                                                                                                                                               |           |                                                                                                  |                   |                                                   |                                       |
| 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well                                                                                                                                                                                                                              |           |                                                                                                  |                   |                                                   |                                       |
| Was a chemical/bacteriological sample submitted to Department? Yes.....No <u>k</u> .....; If yes, mo/day/yr sample was submitted                                                                                                                                                                 |           |                                                                                                  |                   |                                                   |                                       |
| Water Well Disinfected? Yes <u>k</u> No                                                                                                                                                                                                                                                          |           |                                                                                                  |                   |                                                   |                                       |
| 5 TYPE OF BLANK CASING USED:                                                                                                                                                                                                                                                                     |           |                                                                                                  |                   |                                                   |                                       |
| 1 Steel                                                                                                                                                                                                                                                                                          |           | 3 RMP (SR)                                                                                       | 5 Wrought iron    | 8 Concrete tile                                   | CASING JOINTS: Glued <u>x</u> Clamped |
| <input checked="" type="radio"/> PVC                                                                                                                                                                                                                                                             |           | 4 ABS                                                                                            | 6 Asbestos-Cement | 9 Other (specify below)                           | Welded                                |
|                                                                                                                                                                                                                                                                                                  |           |                                                                                                  | 7 Fiberglass      |                                                   | Threaded                              |
| Blank casing diameter <u>5</u> in. to <u>73</u> ft. Dia ..... in. to ..... ft. Dia ..... in. to ..... ft.                                                                                                                                                                                        |           |                                                                                                  |                   |                                                   |                                       |
| Casing height above land surface <u>12</u> in. weight <u>2.29</u> lbs./ft. Wall thickness or gauge No. <u>160</u>                                                                                                                                                                                |           |                                                                                                  |                   |                                                   |                                       |
| TYPE OF SCREEN OR PERFORATION MATERIAL: <input checked="" type="radio"/> PVC 10 Asbestos-cement                                                                                                                                                                                                  |           |                                                                                                  |                   |                                                   |                                       |
| 1 Steel                                                                                                                                                                                                                                                                                          |           | 3 Stainless steel                                                                                | 5 Fiberglass      | 8 RMP (SR)                                        | 11 Other (specify) .....              |
| 2 Brass                                                                                                                                                                                                                                                                                          |           | 4 Galvanized steel                                                                               | 6 Concrete tile   | 9 ABS                                             | 12 None used (open hole)              |
| SCREEN OR PERFORATION OPENINGS ARE:                                                                                                                                                                                                                                                              |           |                                                                                                  |                   |                                                   |                                       |
| 1 Continuous slot                                                                                                                                                                                                                                                                                |           | 3 Mill slot                                                                                      | 5 Gauzed wrapped  | <input checked="" type="radio"/> 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>73</u> ft. to <u>93</u> ft. From ..... ft. to ..... ft.                                                                                                                                                                                                     |           |                                                                                                  |                   |                                                   |                                       |
| GRAVEL PACK INTERVALS: From <u>23</u> ft. to <u>50</u> ft. From ..... ft. to ..... ft.                                                                                                                                                                                                           |           |                                                                                                  |                   |                                                   |                                       |
| From <u>55</u> ft. to <u>97</u> ft. From ..... ft. to ..... ft.                                                                                                                                                                                                                                  |           |                                                                                                  |                   |                                                   |                                       |
| 6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <input checked="" type="radio"/> Bentonite 4 Other                                                                                                                                                                                                |           |                                                                                                  |                   |                                                   |                                       |
| Grout Intervals: From <u>3</u> ft. to <u>23</u> ft. From <u>50</u> ft. to <u>55</u> ft. From ..... ft. to ..... ft.                                                                                                                                                                              |           |                                                                                                  |                   |                                                   |                                       |
| What is the nearest source of possible contamination:                                                                                                                                                                                                                                            |           |                                                                                                  |                   |                                                   |                                       |
| 1 Septic tank                                                                                                                                                                                                                                                                                    |           | 4 Lateral lines                                                                                  | 7 Pit privy       | <input checked="" type="radio"/> 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                            |                                       |
| Direction from well? <u>S</u>                                                                                                                                                                                                                                                                    |           |                                                                                                  |                   | How many feet? <u>75</u>                          |                                       |
| FROM                                                                                                                                                                                                                                                                                             | TO        | LITHOLOGIC LOG                                                                                   | FROM              | TO                                                | PLUGGING INTERVALS                    |
| <u>0</u>                                                                                                                                                                                                                                                                                         | <u>11</u> | <u>Br Clay</u>                                                                                   |                   |                                                   |                                       |
| <u>11</u>                                                                                                                                                                                                                                                                                        | <u>18</u> | <u>F-M Sand</u>                                                                                  |                   |                                                   |                                       |
| <u>18</u>                                                                                                                                                                                                                                                                                        | <u>38</u> | <u>Rocky Br Clay</u>                                                                             |                   |                                                   |                                       |
| <u>38</u>                                                                                                                                                                                                                                                                                        | <u>42</u> | <u>M Sand</u>                                                                                    |                   |                                                   |                                       |
| <u>42</u>                                                                                                                                                                                                                                                                                        | <u>48</u> | <u>Rocky Br Clay</u>                                                                             |                   |                                                   |                                       |
| <u>48</u>                                                                                                                                                                                                                                                                                        | <u>57</u> | <u>Br Clay</u>                                                                                   |                   |                                                   |                                       |
| <u>57</u>                                                                                                                                                                                                                                                                                        | <u>70</u> | <u>F Sand</u>                                                                                    |                   |                                                   |                                       |
| <u>70</u>                                                                                                                                                                                                                                                                                        | <u>93</u> | <u>C Sand + sm layers clay</u>                                                                   |                   |                                                   |                                       |
| <u>93</u>                                                                                                                                                                                                                                                                                        | <u>97</u> | <u>Shale</u>                                                                                     |                   |                                                   |                                       |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="radio"/> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>11-18-97</u> and this record is true to the best of my knowledge and belief. Kansas |           |                                                                                                  |                   |                                                   |                                       |
| Water Well Contractor's License No. <u>447</u>                                                                                                                                                                                                                                                   |           | This Water Well Record was completed on (mo/day/yr) <u>12-5-97</u>                               |                   |                                                   |                                       |
| under the business name of <u>Miller Drilling</u>                                                                                                                                                                                                                                                |           | by (signature) <u>Eg miller</u>                                                                  |                   |                                                   |                                       |