

|                                                 |                                      |                         |                               |                           |
|-------------------------------------------------|--------------------------------------|-------------------------|-------------------------------|---------------------------|
| 1 LOCATION OF WATER WELL: County: <u>Morris</u> | Fraction <u>SW 1/4 SE 1/4 SE 1/4</u> | Section Number <u>4</u> | Township Number <u>T 16 S</u> | Range Number <u>R 5 E</u> |
|-------------------------------------------------|--------------------------------------|-------------------------|-------------------------------|---------------------------|

Distance and direction from nearest town or city street address of well if located within city?

3 E Herington

|                                                    |                                                   |
|----------------------------------------------------|---------------------------------------------------|
| 2 WATER WELL OWNER: <u>William Mathias</u>         | Board of Agriculture, Division of Water Resources |
| RR#, St. Address, Box # : <u>502 E Leuerenz</u>    | Application Number:                               |
| City, State, ZIP Code : <u>Herington, KS 67449</u> |                                                   |

|                                                      |                                                                   |
|------------------------------------------------------|-------------------------------------------------------------------|
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL: . . . . . ft. ELEVATION: . . . . . ft. |
|------------------------------------------------------|-------------------------------------------------------------------|

Depth(s) Groundwater Encountered 48 . . . . . ft. 2. . . . . ft. 3. . . . . ft.

WELL'S STATIC WATER LEVEL 48 . . . . . ft. below land surface measured on mo/day/yr 11-10-00

Pump test data: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm

Est. Yield 20 . . . . . gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm

Bore Hole Diameter. 1 1/2 . . . . . in. to 30 . . . . . ft., and 7 1/2 . . . . . in. to 125 . . . . . 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 12 Other (Specify below)

2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 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 X No

|                                                                                                                                                     |                    |                    |                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------------|
| 5 TYPE OF BLANK CASING USED:                                                                                                                        | 5 Wrought iron     | 8 Concrete tile    | CASING JOINTS: Glued. <u>X</u> Clamped. . . . . |
| 1 Steel                                                                                                                                             | 3 RMP (SR)         | 6 Asbestos-Cement  | 9 Other (specify below)                         |
| 2 PVC                                                                                                                                               | 4 ABS              | 7 Fiberglass       | Welded . . . . .                                |
| Blank casing diameter . . . <u>5</u> . . . . . in. to <u>90</u> . . . . . ft., Dia. . . . . in. to . . . . . ft., Dia. . . . . in. to . . . . . ft. |                    |                    | Threaded. . . . .                               |
| Casing height above land surface. <u>12</u> . . . . . in., weight <u>CL 22.9/160</u> . . . . . lbs./ft. Wall thickness or gauge No. <u>214</u>      |                    |                    |                                                 |
| TYPE OF SCREEN OR PERFORATION MATERIAL:                                                                                                             | 7 PVC              | 10 Asbestos-cement |                                                 |
| 1 Steel                                                                                                                                             | 3 Stainless steel  | 5 Fiberglass       | 8 RMP (SR)                                      |
| 2 Brass                                                                                                                                             | 4 Galvanized steel | 6 Concrete tile    | 9 ABS                                           |
| SCREEN OR PERFORATION OPENINGS ARE:                                                                                                                 | 5 Gauzed wrapped   | 8 Saw cut          | 11 None (open hole)                             |
| 1 Continuous slot                                                                                                                                   | 3 Mill slot        | 9 Drilled holes    |                                                 |
| 2 Louvered shutter                                                                                                                                  | 4 Key punched      | 7 Torch cut        | 10 Other (specify) . . . . . ft.                |
| SCREEN-PERFORATED INTERVALS: From. <u>90</u> . . . . . ft. to <u>125</u> . . . . . ft., From . . . . . ft. to . . . . . ft.                         |                    |                    |                                                 |
| GRAVEL PACK INTERVALS: From. . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.                                                      |                    |                    |                                                 |

|                                                                                                               |                   |                              |                        |                          |
|---------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|------------------------|--------------------------|
| 6 GROUT MATERIAL:                                                                                             | 1 Neat cement     | 2 Cement grout               | 3 Bentonite            | 4 Other . . . . .        |
| Grout Intervals: From. <u>0</u> . . . . . ft. to <u>30</u> . . . . . ft., From . . . . . ft. to . . . . . ft. |                   |                              |                        |                          |
| What is the nearest source of possible contamination:                                                         | 10 Livestock pens | 14 Abandoned water well      |                        |                          |
| 1 Septic tank                                                                                                 | 4 Lateral lines   | 7 Pit privy                  | 11 Fuel storage        | 15 Oil well/Gas well     |
| 2 Sewer lines                                                                                                 | 5 Cess pool       | 8 Sewage lagoon              | 12 Fertilizer storage  | 16 Other (specify below) |
| 3 Watertight sewer lines                                                                                      | 6 Seepage pit     | 9 Feedyard                   | 13 Insecticide storage |                          |
| Direction from well? <u>E</u>                                                                                 | <u>Hog Barn</u>   | How many feet? <u>1/4 mi</u> |                        |                          |

| FROM | TO  | LITHOLOGIC LOG              | FROM | TO | PLUGGING INTERVALS |
|------|-----|-----------------------------|------|----|--------------------|
| 0    | 5   | Clay                        |      |    |                    |
| 5    | 17  | lime                        |      |    |                    |
| 17   | 40  | Red Shale                   |      |    |                    |
| 40   | 55  | lime                        |      |    |                    |
| 55   | 60  | Red Shale                   |      |    |                    |
| 60   | 85  | Yellow Shale                |      |    |                    |
| 85   | 92  | lime                        |      |    |                    |
| 92   | 93  | Some Water                  |      |    |                    |
| 93   | 110 | Red Shale                   |      |    |                    |
| 110  | 122 | Yellow Shale - lime - Water |      |    |                    |
| 122  | 125 | Blue Shale                  |      |    |                    |
|      |     |                             |      |    |                    |
|      |     |                             |      |    |                    |
|      |     |                             |      |    |                    |

|                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>11-10-00</u> . . . . . and this record is true to the best of my knowledge and belief. Kansas |
| Water Well Contractor's Licence No. <u>180</u> . . . . . This Water Well Record was completed on (mo/day/yr) <u>11-22-00</u>                                                                                                                                                          |
| under the business name of <u>Backhoe Drilling</u> by (signature) <u>Paul R. Backhoe</u>                                                                                                                                                                                              |