

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------|----------------|--------------------|------------------------|--|----|--|--|--|----|--|----|-------------------------------------------------------------------------------|--|--|--|
| 1 LOCATION OF WATER WELL:                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | Fraction                                            | Section Number | Township Number    | Range Number           |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| County: <u>Harry</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <u>NW 1/4 NE 1/4 NW 1/4</u>                         | <u>15</u>      | T <u>22</u> S      | R <u>3</u> E <u>MD</u> |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| Distance and direction from nearest town or city street address of well if located within city?<br><u>7 1/2 mi E of Buhler - 19915 W Dutch Ave</u>                                                                                                                                                                                                                                                                                                                                                     |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 2 WATER WELL OWNER:<br>RR#, St. Address, Box # : <u>Robert Ratzloff</u><br><u>19915 W Dutch Ave</u><br>City, State, ZIP Code : <u>Moundridge, KS 67107</u>                                                                                                                                                                                                                                                                                                                                             |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| Board of Agriculture, Division of Water Resources<br>Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 4 DEPTH OF COMPLETED WELL: <u>90</u> ft. ELEVATION: |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| <div style="text-align: center;">N<br/>1 Mile<br/>W<br/>E<br/>S</div> <table border="1" style="margin: auto; text-align: center;"><tr><td> </td><td>X</td><td> </td></tr><tr><td>NW</td><td> </td><td>NE</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td>SW</td><td> </td><td>SE</td></tr></table>                                                                                                                                                                                             |  |                                                     | X              |                    | NW                     |  | NE |  |  |  | SW |  | SE | Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft. |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                     | X              |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | NW                                                  |                | NE                 |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| SW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | SE                                                  |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| WELL'S STATIC WATER LEVEL <u>34</u> ft. below land surface measured on mo/day/yr <u>8-27-91</u>                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| Pump test data: Well water was <u>38</u> ft. after <u>1</u> hours pumping <u>25</u> gpm                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| Est. Yield . . . . . gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| Bore Hole Diameter <u>9</u> in. to <u>9.1</u> ft., and . . . . . in. to . . . . . ft.                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| WELL WATER TO BE USED AS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> . . . . . If yes, mo/day/yr sample was submitted                                                                                                                                                                                                                                                                                                                                   |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| Water Well Disinfected? Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 5 TYPE OF BLANK CASING USED:                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 1 Steel                      3 RMP (SR)                      5 Wrought iron                      8 Concrete tile                      CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped . . . . .                                                                                                                                                                                                                                                                                       |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| <input checked="" type="checkbox"/> PVC                      4 ABS                      6 Asbestos-Cement                      9 Other (specify below)                      Welded . . . . .                                                                                                                                                                                                                                                                                                           |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 7 Fiberglass                      . . . . .                      Threaded . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| Blank casing diameter <u>6</u> in. to <u>70</u> ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.                                                                                                                                                                                                                                                                                                                                                                            |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| Casing height above land surface <u>12</u> in., weight <u>3.77</u> lbs./ft. Wall thickness or gauge No. <u>160</u>                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 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 <input checked="" type="checkbox"/> 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>70</u> ft. to <u>90</u> ft., From . . . . . ft. to . . . . . ft.                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| From . . . . . ft. to . . . . . 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>91</u> ft., From . . . . . ft. to . . . . . ft.                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 6 GROUT MATERIAL:    1 Neat cement    2 Cement grout <input checked="" type="checkbox"/> 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                      10 Livestock pens                      14 Abandoned water well                                                                                                                                                                                                                                                                                                                                |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 2 Sewer lines                      5 Cess pool <input checked="" type="checkbox"/> 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>NE</u> How many feet? <u>90</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TO                                                  |                | LITHOLOGIC LOG     |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TO                                                  |                | PLUGGING INTERVALS |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 37                                                  |                | Br clay            |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 48                                                  |                | F-C Sand           |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 57                                                  |                | Br + Gr clay       |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 89                                                  |                | Sand + Sm Gravel   |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 91                                                  |                | Br clay            |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>8-27-91</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>2-28-92</u> under the business name of <u>Miller Drilling</u> by (signature) <u>E. Miller</u> |  |                                                     |                |                    |                        |  |    |  |  |  |    |  |    |                                                                               |  |  |  |