

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|--------------------------|-------------------------|------------------------------------------------------------------|-----------------------------------------------------------------|--|--|--|
| 1 LOCATION OF WATER WELL:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            | Fraction                                                                                        | Section Number           | Township Number         | Range Number                                                     |                                                                 |  |  |  |
| County: <u>McPherson</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            | <u>SW 1/4 SE 1/4 SW 1/4</u>                                                                     | <u>20</u>                | <u>T 19 S</u>           | <u>R 3 E</u>                                                     |                                                                 |  |  |  |
| Distance and direction from nearest town or city street address of well if located within city?<br><u>831 N. VANGUARD ST.</u> <del>McPherson, KS</del>                                                                                                                                                                                                                                                                                                                          |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| 2 WATER WELL OWNER: <u>VANGUARD Plastics</u>                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| RR#, St. Address, Box #: <u>831 N. VANGUARD ST.</u>                                                                                                                                                                                                                                                                                                                                                                                                                             |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| City, State, ZIP Code: <u>McPherson, KS. 67460</u>                                                                                                                                                                                                                                                                                                                                                                                                                              |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| Board of Agriculture, Division of Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                                                                                                                                                                                                            |            | 4 DEPTH OF COMPLETED WELL: <u>133</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>NW</td><td>NE</td></tr><tr><td>SW</td><td>SE</td></tr></table>                                                                                                                                                                                                                                                                        |            | NW                                                                                              | NE                       | SW                      | SE                                                               | Depth(s) Groundwater Encountered <u>1. 92</u> ft. 2. ft. 3. ft. |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | NW                                                                                              | NE                       |                         |                                                                  |                                                                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | SW                                                                                              | SE                       |                         |                                                                  |                                                                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | WELL'S STATIC WATER LEVEL <u>92</u> ft. below land surface measured on mo/day/yr <u>8/23/83</u> |                          |                         |                                                                  |                                                                 |  |  |  |
| Pump test data: Well water was ft. after hours pumping gpm                                                                                                                                                                                                                                                                                                                                                                                                                      |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| Est. Yield <u>5.0</u> gpm: Well water was ft. after hours pumping gpm                                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| Bore Hole Diameter: <u>8</u> in. to <u>1.35</u> ft. and in. to ft.                                                                                                                                                                                                                                                                                                                                                                                                              |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| WELL WATER TO BE USED AS:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| 1 Domestic                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            | 3 Feedlot                                                                                       | 5 Public water supply    | 8 Air conditioning      | 11 Injection well                                                |                                                                 |  |  |  |
| 2 Irrigation                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 4 Industrial                                                                                    | 6 Oil field water supply | 9 Dewatering            | 12 Other (Specify below)                                         |                                                                 |  |  |  |
| 7 Lawn and garden only 10 Observation 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 |                                                                 |  |  |  |
| 2 PVC                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            | 4 ABS                                                                                           | 6 Asbestos-Cement        | 9 Other (specify below) | Welded                                                           |                                                                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                                                                                                 | 7 Fiberglass             |                         | Threaded                                                         |                                                                 |  |  |  |
| Blank casing diameter <u>5</u> in. to <u>10.3</u> ft., Dia. in. to ft.                                                                                                                                                                                                                                                                                                                                                                                                          |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| Casing height above land surface <u>1.2</u> in., weight <u>2.91</u> lbs./ft. Wall thickness or gauge No. <u>2.65</u>                                                                                                                                                                                                                                                                                                                                                            |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| TYPE OF SCREEN OR PERFORATION MATERIAL:                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| 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         | 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>10.3</u> ft. to <u>133</u> ft., From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                            |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| GRAVEL PACK INTERVALS: From <u>15</u> ft. to <u>133</u> ft., From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                                    |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| 6 GROUT MATERIAL:                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| 1 Neat cement                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            | 2 Cement grout                                                                                  | 3 Bentonite              | 4 Other                 |                                                                  |                                                                 |  |  |  |
| Grout Intervals: From <u>5</u> ft. to <u>15</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                                                                                     | 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>EAST</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | How many feet? <u>100 ft</u>                                                                    |                          |                         |                                                                  |                                                                 |  |  |  |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TO         | LITHOLOGIC LOG                                                                                  | FROM                     | TO                      | LITHOLOGIC LOG                                                   |                                                                 |  |  |  |
| <u>0</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u>5</u>   | <u>Top Soil</u>                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| <u>5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u>17</u>  | <u>brown clay</u>                                                                               |                          |                         |                                                                  |                                                                 |  |  |  |
| <u>17</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u>68</u>  | <u>Buff clay</u>                                                                                |                          |                         |                                                                  |                                                                 |  |  |  |
| <u>68</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u>72</u>  | <u>Green clay</u>                                                                               |                          |                         |                                                                  |                                                                 |  |  |  |
| <u>72</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u>93</u>  | <u>Sandy brown clay</u>                                                                         |                          |                         |                                                                  |                                                                 |  |  |  |
| <u>93</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u>135</u> | <u>Fine to med. sands</u>                                                                       |                          |                         |                                                                  |                                                                 |  |  |  |
| 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>8/23/83</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>138</u> This Water Well Record was completed on (mo/day/yr) <u>10/18/83</u> under the business name of <u>Peterson Irrigation</u> by (signature) <u>Mike Peterson</u> |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |
| INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.                                                                                                            |            |                                                                                                 |                          |                         |                                                                  |                                                                 |  |  |  |