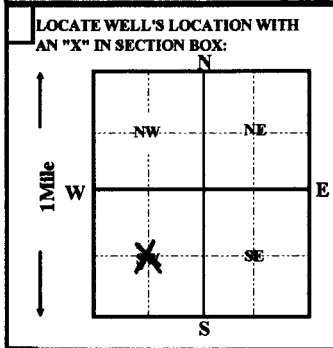


|   |  |                             |                                  |                                  |
|---|--|-----------------------------|----------------------------------|----------------------------------|
| 1 LOCATION OF WATER WELL:<br><b>Pratt</b> | FRACTION<br>near center of SW<br>1/4 1/4 1/4 | Section Number<br><b>31</b> | Township Number<br>T <b>26</b> S | Range Number<br>R <b>11W</b> E/W |
|---|--|-----------------------------|----------------------------------|----------------------------------|

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

**1 3/4 m. S. & 3/4 m. W. of Preston, KS.**

|   |  |
|---|--|
| WATER WELL OWNER:<br><b>BETZEN, Mark</b>                  | Board of Agriculture, Division of Water Resource |
| RR#, ST. ADDRESS, BOX #:<br><b>385 NE 130th Ave.</b>      | Application Number: <b>42,610</b>                |
| CITY, STATE, ZIP CODE:<br><b>Cunningham, Kansas 67035</b> |  |



|  |            |
|--|------------|
| 4 DEPTH OF COMPLETED WELL <b>150</b> ft.   | ELEVATION: |
| Depth(s) groundwater Encountered 1 ft. 2 ft. 3 ft.   |            |
| WELL'S STATIC WATER LEVEL <b>36</b> FT. BELOW LAND SURFACE MEASURED ON <b>03/20/1998</b>   |            |
| Pump test data: Well water was ft. after hours pumping gpm   |            |
| Est. Yield <b>800</b> gpm: Well water was ft. after hours pumping gpm  |            |
| Bore Hole Diameter <b>30</b> in. to <b>150</b> ft. and in. to ft.  |            |
| WELL WATER TO BE USED AS:  |            |
| 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  |            |
| 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 CASING USED:   | 5 Wrought iron    | 8 Concrete tile         | CASING JOINTS:                          | Glued <input checked="" type="checkbox"/> Clamped |
| 1 Steel 3 RMP (SR)   | 6 Asbestos-Cement | 9 Other (Specify below) | Welded                                  |   |
| 2 PVC 4 ABS  | 7 Fiberglass      |                         | Threaded                                |   |
| Blank casing Diameter <b>16</b> in. to <b>96</b> ft., Dia in. to ft., Dia in. to ft. |                   |                         |   |   |
| Casing height above land surface <b>12</b> in., weight <b>19.750</b> lbs. / ft.      |                   |                         | Wall thickness or gauge No. <b>.616</b> |   |
| TYPE OF SCREEN OR PERFORATION MATERIAL:  | 5 Fiberglass      | 8 RMP (SR)              | 10 Asbestos-cement                      | 11 other (specify)                                |
| 1 Steel 3 Stainless Steel  | 6 Concrete tile   | 9 ABS                   | 12 None used (open hole)                |   |
| 2 Brass 4 Galvanized steel   |                   |                         |   |   |
| SCREEN OR PERFORATION OPENING ARE:   | 5 Gauzed wrapped  | 8 Saw cut               | 11 None (open hole)                     |   |
| 1 Continuous slot 3 Mill slot  | 6 Wire wrapped    | 9 Drilled holes         |   |   |
| 2 Louvered shutter 4 Key punched   | 7 Torch cut       | 10 Other (specify)      |   |   |
| SCREEN-PERFORATION INTERVALS: from <b>96</b> ft. to <b>150</b> ft., From ft. to ft.  |                   |                         |   |   |
| GRAVEL PACK INTERVALS: from <b>20</b> ft. to <b>150</b> ft., From ft. to ft.         |                   |                         |   |   |

|   |                        |                      |
|---|------------------------|----------------------|
| 6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 <u>Other</u> <b>cement &amp; hole plug</b> |                        |                      |
| Grout Intervals: From <b>0</b> ft. to <b>20</b> ft. From ft. to ft. From ft. to ft.                     |                        |                      |
| What is the nearest source of possible contamination:   |                        |                      |
| 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandon 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 | <b>None Apparent</b> |

| FROM | TO  | LITHOLOGIC LOG   | FROM | TO  | How many feet?    |
|------|-----|--|------|-----|-------------------|
| 0    | 2   | soil   | 150  | 152 | <b>brown clay</b> |
| 2    | 17  | <b>brown clay and caliche</b>                          |      |     |                   |
| 17   | 42  | <b>tan clay and caliche</b>                            |      |     |                   |
| 42   | 48  | <b>cemented sand and clay</b>                          |      |     |                   |
| 48   | 52  | <b>brown clay</b>                                      |      |     |                   |
| 52   | 83  | <b>sand and gravel with clay and few loose streaks</b> |      |     |                   |
| 83   | 100 | <b>sand &amp; gravel w/ clay mixed</b>                 |      |     |                   |
| 100  | 106 | <b>medium to coarse sand</b>                           |      |     |                   |
| 106  | 116 | <b>brown clay</b>                                      |      |     |                   |
| 116  | 130 | <b>medium to coarse sand and gravel loose</b>          |      |     |                   |
| 130  | 140 | <b>brown clay</b>                                      |      |     |                   |
| 140  | 150 | <b>fine to medium sand and gravel, medium loose</b>    |      |     |                   |

|  |
|--|
| 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) <b>03/20/1998</b> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>236</b> This Water Well Record was completed on (mo/day/yr) <b>03/20/98</b> Under the business name of <b>Harp Well &amp; Pump Service, Inc.</b> by (signature) <b>Todd S. Harp</b> |
|--|