

| <b>1 LOCATION OF WATER WELL:</b>  |     | Fraction                    |   | Section Number |   | Township Number |  | Range Number |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
|---|-----|-----------------------------|---|----------------|---|-----------------|--|--------------|--|------|----|----------------|------|----|--------------------|---|---|----------|-----|-----|-------------------|---|----|------------|-----|-----|------------------------------------|----|----|---------------------------|--|--|------------------|----|----|----------------------|-----|-----|-----------------|----|----|-----------------------------|-----|-----|-----------------------|----|----|------------|-----|-----|-----------|----|----|------------------------|-----|-----|--------------------------|----|----|------------------|-----|-----|---------------------|----|----|-----------------|-----|-----|---------------------------|----|----|--------------------------|-----|-----|---------------------------|----|----|-------------------|-----|-----|---------------------------|----|----|-------------------------|-----|-----|------------------------|----|----|-----------------|-----|-----|-----------------|----|-----|-------------------|--|--|--|-----|-----|------------------------|--|--|--|
| County: Pawnee  |     | SE 1/4 SW 1/4 SW 1/4        |   | 19             |   | T 22 S          |  | R 20 E/W     |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| Distance and direction from nearest town or city street address of well if located within city?<br>5 south, 1 1/2 west of Burdett, Ks.  |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>2 WATER WELL OWNER:</b> Herman L. Debes  |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| RR#, St. Address, Box # : RR 2 Box 167  |     |                             |   |                | Board of Agriculture, Division of Water Resources |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| City, State, ZIP Code : Great Bend, Ks. 67530   |     |                             |   |                | Application Number:                               |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>   |     |                             | <b>4 DEPTH OF COMPLETED WELL:</b> 173 ft. <b>ELEVATION:</b>   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
|   |     |                             | Depth(s) Groundwater Encountered 1 ft. 2. ft. 3. ft.  |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
|   |     |                             | WELL'S STATIC WATER LEVEL 80 ft. below land surface measured on mo/day/yr 11-3-99   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
|   |     |                             | Pump test data: Well water was ft. after hours pumping gpm  |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
|   |     |                             | Est. Yield NA gpm Well water was ft. after hours pumping gpm  |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
|   |     |                             | Bore Hole Diameter 9 7/8 in. to 180 ft. and in. to  |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| WELL WATER TO BE USED AS:   |     |                             | 5 Public water supply    8 Air conditioning    11 Injection well<br>1 Domestic    3 Feedlot    6 Oil field water supply    9 Dewatering    12 Other (Specify below)<br>2 Irrigation    4 Industrial    7 Lawn and garden only    10 Monitoring well    Live stock |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| Was a chemical/bacteriological sample submitted to Department? Yes.....No..X.....; If yes, mo/day/yr sample was submitted   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| Water Well Disinfected? Yes <u>HTH</u> No   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>5 TYPE OF BLANK CASING USED:</b>   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 1 Steel    3 RMP (SR)    5 Wrought iron    8 Concrete tile    CASING JOINTS: Glued X    Clamped<br>2 PVC    4 ABS    6 Asbestos-Cement    9 Other (specify below)    Welded<br>7 Fiberglass    Threaded   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| Blank casing diameter 5 1/2 in. to 133 ft. Dia. in. to ft. Dia. in. to ft.  |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| Casing height above land surface 24 in. weight SDR 26 lbs./ft. Wall thickness or gauge No.  |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b>  |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 1 Steel    3 Stainless steel    5 Fiberglass    7 PVC    10 Asbestos-cement<br>2 Brass    4 Galvanized steel    6 Concrete tile    8 RMP (SR)    11 Other (specify)<br>12 None used (open hole)   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>SCREEN OR PERFORATION OPENINGS ARE:</b>  |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 1 Continuous slot    3 Mill slot    5 Gauzed wrapped    8 Saw cut    11 None (open hole)<br>2 Louvered shutter    4 Key punched    6 Wire wrapped    9 Drilled holes<br>7 Torch cut    10 Other (specify)   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>SCREEN-PERFORATED INTERVALS:</b> From 133 ft. to 173 ft. From ft. to ft.   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| From ft. to ft. From ft. to ft.   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>GRAVEL PACK INTERVALS:</b> From 180 ft. to 84 ft. From 82 ft. to 20 ft.  |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| From ft. to ft. From ft. to ft.   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>6 GROUT MATERIAL:</b> 1 Neat cement    2 Cement grout    3 Bentonite    4 Other .. Hole plug   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| Grout Intervals: From 0 ft. to 20 ft. From 84 ft. to 82 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<br>2 Sewer lines    5 Cess pool    8 Sewage lagoon    11 Fuel storage    15 Oil well/Gas well<br>3 Watertight sewer lines    6 Seepage pit    9 Feedyard    12 Fertilizer storage    16 Other (specify below)<br>13 Insecticide storage   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| Direction from well? How many feet?   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr><td>0</td><td>3</td><td>Top soil</td><td>118</td><td>125</td><td>Red and gray clay</td></tr> <tr><td>3</td><td>12</td><td>Brown clay</td><td>125</td><td>133</td><td>Yellow brown blue gray gritty clay</td></tr> <tr><td>12</td><td>14</td><td>Brown clay and white rock</td><td></td><td></td><td>little sand rock</td></tr> <tr><td>14</td><td>18</td><td>Brown and white rock</td><td>133</td><td>138</td><td>Blue gray shale</td></tr> <tr><td>18</td><td>25</td><td>Yellow brown blue gray clay</td><td>138</td><td>141</td><td>Sand rock sandy shale</td></tr> <tr><td>25</td><td>57</td><td>Blue Shale</td><td>141</td><td>143</td><td>Blue clay</td></tr> <tr><td>57</td><td>64</td><td>Light gray silty shale</td><td>143</td><td>147</td><td>Sand shale and sand rock</td></tr> <tr><td>64</td><td>69</td><td>Coal iron pyrate</td><td>147</td><td>154</td><td>Sand rock and shale</td></tr> <tr><td>69</td><td>71</td><td>Hard brown rock</td><td>154</td><td>160</td><td>Light and dark gray shale</td></tr> <tr><td>71</td><td>78</td><td>Light and dark gray clay</td><td>160</td><td>163</td><td>Sand rock and sandy shale</td></tr> <tr><td>78</td><td>90</td><td>Red and gray clay</td><td>163</td><td>170</td><td>Light and dark gray shale</td></tr> <tr><td>90</td><td>95</td><td>Light gray gritty shale</td><td>170</td><td>173</td><td>Sandy shale, sand rock</td></tr> <tr><td>95</td><td>98</td><td>Silty sand rock</td><td>173</td><td>180</td><td>Dark blue shale</td></tr> <tr><td>98</td><td>106</td><td>Red and gray clay</td><td></td><td></td><td></td></tr> <tr><td>106</td><td>118</td><td>Light gray sandy shale</td><td></td><td></td><td></td></tr> </tbody> </table> |     |                             |   |                |   |                 |  |              |  | FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS | 0 | 3 | Top soil | 118 | 125 | Red and gray clay | 3 | 12 | Brown clay | 125 | 133 | Yellow brown blue gray gritty clay | 12 | 14 | Brown clay and white rock |  |  | little sand rock | 14 | 18 | Brown and white rock | 133 | 138 | Blue gray shale | 18 | 25 | Yellow brown blue gray clay | 138 | 141 | Sand rock sandy shale | 25 | 57 | Blue Shale | 141 | 143 | Blue clay | 57 | 64 | Light gray silty shale | 143 | 147 | Sand shale and sand rock | 64 | 69 | Coal iron pyrate | 147 | 154 | Sand rock and shale | 69 | 71 | Hard brown rock | 154 | 160 | Light and dark gray shale | 71 | 78 | Light and dark gray clay | 160 | 163 | Sand rock and sandy shale | 78 | 90 | Red and gray clay | 163 | 170 | Light and dark gray shale | 90 | 95 | Light gray gritty shale | 170 | 173 | Sandy shale, sand rock | 95 | 98 | Silty sand rock | 173 | 180 | Dark blue shale | 98 | 106 | Red and gray clay |  |  |  | 106 | 118 | Light gray sandy shale |  |  |  |
| FROM  | TO  | LITHOLOGIC LOG              | FROM  | TO             | PLUGGING INTERVALS                                |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 0   | 3   | Top soil                    | 118   | 125            | Red and gray clay                                 |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 3   | 12  | Brown clay                  | 125   | 133            | Yellow brown blue gray gritty clay                |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 12  | 14  | Brown clay and white rock   |   |                | little sand rock                                  |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 14  | 18  | Brown and white rock        | 133   | 138            | Blue gray shale                                   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 18  | 25  | Yellow brown blue gray clay | 138   | 141            | Sand rock sandy shale                             |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 25  | 57  | Blue Shale                  | 141   | 143            | Blue clay   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 57  | 64  | Light gray silty shale      | 143   | 147            | Sand shale and sand rock                          |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 64  | 69  | Coal iron pyrate            | 147   | 154            | Sand rock and shale                               |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 69  | 71  | Hard brown rock             | 154   | 160            | Light and dark gray shale                         |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 71  | 78  | Light and dark gray clay    | 160   | 163            | Sand rock and sandy shale                         |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 78  | 90  | Red and gray clay           | 163   | 170            | Light and dark gray shale                         |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 90  | 95  | Light gray gritty shale     | 170   | 173            | Sandy shale, sand rock                            |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 95  | 98  | Silty sand rock             | 173   | 180            | Dark blue shale                                   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 98  | 106 | Red and gray clay           |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 106   | 118 | Light gray sandy shale      |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| <b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 11-4-99 and this record is true to the best of my knowledge and belief. Kansas  |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| Water Well Contractor's License No. 134 This Water Well Record was completed on (mo/day/yr) 11-9-99   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| under the business name of Rosencrantz-Bemis by (signature) <i>India Nelson</i>   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |
| 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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.   |     |                             |   |                |   |                 |  |              |  |      |    |                |      |    |                    |   |   |          |     |     |                   |   |    |            |     |     |                                    |    |    |                           |  |  |                  |    |    |                      |     |     |                 |    |    |                             |     |     |                       |    |    |            |     |     |           |    |    |                        |     |     |                          |    |    |                  |     |     |                     |    |    |                 |     |     |                           |    |    |                          |     |     |                           |    |    |                   |     |     |                           |    |    |                         |     |     |                        |    |    |                 |     |     |                 |    |     |                   |  |  |  |     |     |                        |  |  |  |