

|                           |                             |                |                 |                       |
|---------------------------|-----------------------------|----------------|-----------------|-----------------------|
| 1 LOCATION OF WATER WELL: | Fraction                    | Section Number | Township Number | Range Number          |
| County: <u>Rawlins</u>    | <u>NE 1/4 SW 1/4 SW 1/4</u> | <u>7</u>       | <u>T 5 S</u>    | <u>R 34</u> <u>EW</u> |

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

2 WATER WELL OWNER: Richard Roesch

RR#, St. Address, Box # Rt 3 Box 240

City, State, ZIP Code Colby KS 67701

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: 260 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 141 ft. 2. 141 ft. 3. 141 ft.

WELL'S STATIC WATER LEVEL 141 ft. below land surface measured on mo/day/yr

Pump test data: Well water was 141 ft. after 141 hours pumping 141 gpm

Est. Yield 141 gpm: Well water was 141 ft. after 141 hours pumping 141 gpm

Bore Hole Diameter 8 in. to 260 ft., and 260 in. to 260 ft.

WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well

1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)

2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes 141 No X If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes 141 No X

5 TYPE OF BLANK CASING USED:

1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued 141 Clamped 141

2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 141

Blank casing diameter 18 in. to 240 ft., Dia 2.38 in. to 248 ft., Dia 2.38 in. to 248 ft.

Casing height above land surface 18 in., weight 2.38 lbs./ft. Wall thickness or gauge No. 248

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement

2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)

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 240 ft. to 260 ft., From 240 ft. to 260 ft.

GRAVEL PACK INTERVALS: From 20 ft. to 260 ft., From 20 ft. to 260 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0 ft. to 20 ft., From 20 ft. to 20 ft., From 20 ft. to 20 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 NONE

Direction from well? How many feet?

| FROM | TO  | LITHOLOGIC LOG                | FROM | TO  | PLUGGING INTERVALS             |
|------|-----|-------------------------------|------|-----|--------------------------------|
| 0    | 2   | surface                       | 145  | 154 | cemented sand w/ few sand stks |
| 2    | 18  | loess                         | 154  | 160 | sandy clay w/ caliche & some   |
| 18   | 37  | clay                          |      |     | sand stks                      |
| 37   | 40  | sandy clay & caliche          | 160  | 215 | fine to med sand w/ few fine   |
| 40   | 52  | cemented sand & sandstone w/  |      |     | clay layers                    |
|      |     | some clay                     | 215  | 230 | sticky clay                    |
| 52   | 56  | med sand w/ cemented stks     | 230  | 253 | fine to med sand w/ clay laye  |
| 56   | 66  | cemented sand                 | 253  | 260 | black shale                    |
| 66   | 71  | med sand w/ few clay loess    |      |     |                                |
| 71   | 110 | sandy clay caliche & sand mix |      |     |                                |
| 110  | 116 | cemented sand --hard          |      |     |                                |
| 116  | 122 | sandy clay w/ sand stk        |      |     |                                |
| 122  | 123 | hard cemented sand            |      |     |                                |
| 123  | 130 | med sand w/ clay layers       |      |     |                                |
| 130  | 145 | sandy clay w/ med sand stks   |      |     |                                |

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) 8-9-96 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 554 This Water Well Record was completed on (mo/day/yr) 8-15-96 under the business name of Woofter Pump & Well, Inc. by (signature) [Signature]