

|                           |                             |                |                       |                       |
|---------------------------|-----------------------------|----------------|-----------------------|-----------------------|
| 1 LOCATION OF WATER WELL: | Fraction                    | Section Number | Township Number       | Range Number          |
| County: <u>MORTON</u>     | <u>SE 1/4 SE 1/4 SW 1/4</u> | <u>31</u>      | <u>T34</u> <u>(S)</u> | R <u>39</u> <u>EW</u> |

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

Rolla, KANSAS - 5 3/4 mi South - 1 1/2 mi East & North ->

|                        |                           |                            |   |
|------------------------|---------------------------|----------------------------|---|
| 2 WATER WELL OWNER:    | RR#, St. Address, Box # : | City, State, ZIP Code      | Board of Agriculture, Division of Water Resources |
| <u>RONALD BRUMMETT</u> | <u>HC02 BOX 44</u>        | <u>Rolla, KANSAS 67954</u> | Application Number:                               |

|  |  |
|--|--|
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL. <u>340</u> ft. ELEVATION:   |
|  | Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.<br>WELL'S STATIC WATER LEVEL .... ft. below land surface measured on mo/day/yr<br>Pump test data: Well water was .... ft. after .... hours pumping .... gpm<br>Est. Yield .... gpm; Well water was .... ft. after .... hours pumping .... gpm<br>Bore Hole Diameter. <u>12 1/4</u> in. to .... ft., and .... <u>9 1/4</u> in. to .... <u>340</u> ft.<br>WELL WATER TO BE USED AS:<br><u>1 Domestic</u> 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<br>Was a chemical/bacteriological sample submitted to Department? Yes.....No. <u>X</u> ..... If yes, mo/day/yr sample was submitted<br>Water Well Disinfected? <u>(Yes)</u> No |

|  |   |   |                                       |
|--|---|---|---------------------------------------|
| 5 TYPE OF BLANK CASING USED:                           | 5 Wrought iron  | 8 Concrete tile   | CASING JOINTS: Glued <u>X</u> Clamped |
| 1 Steel  | 3 RMP (SR)  | 6 Asbestos-Cement   | 9 Other (specify below)               |
| <u>(2 PVC)</u>   | 4 ABS   | 7 Fiberglass  | Welded                                |
| Blank casing diameter <u>5.56</u> in. to .... ft., Dia | ..... in. to .... ft., Dia                            | ..... in. to .... ft., Dia                                    | ..... in. to .... ft., Dia            |
| Casing height above land surface. .... in., weight     | <u>30</u> in., weight                                 | <u>200</u> lbs./ft. Wall thickness or gauge No. <u>SDR-21</u> |                                       |
| TYPE OF SCREEN OR PERFORATION MATERIAL:                | <u>(7 PVC)</u>  | 10 Asbestos-cement  |                                       |
| 1 Steel  | 3 Stainless steel                                     | 5 Fiberglass  | 8 RMP (SR)                            |
| 2 Brass  | 4 Galvanized steel                                    | 6 Concrete tile   | 9 ABS                                 |
| 11 Other (specify) .....                               | 12 None used (open hole)                              |   |                                       |
| SCREEN OR PERFORATION OPENINGS ARE:                    | 5 Gauzed wrapped                                      | 8 Saw cut   | 11 None (open hole)                   |
| 1 Continuous slot                                      | <u>(3 Mill slot) .035</u>                             | 6 Wire wrapped  | 9 Drilled holes                       |
| 2 Louvered shutter                                     | 4 Key punched   | 7 Torch cut   | 10 Other (specify) .....              |
| SCREEN-PERFORATED INTERVALS:                           | From .... <u>280</u> ft. to .... <u>340</u> ft., From | ..... ft. to .... ft., From                                   | ..... ft. to .... ft., From           |
| GRAVEL PACK INTERVALS:                                 | From .... <u>220</u> ft. to .... <u>340</u> ft., From | ..... ft. to .... ft., From                                   | ..... ft. to .... ft., From           |

|   |                             |                             |                             |                             |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 6 GROUT MATERIAL:   | 1 Neat cement               | <u>2 Cement grout</u>       | 3 Bentonite                 | 4 Other                     |
| Grout Intervals: From .... <u>4</u> ft. to .... <u>15</u> ft., From | ..... ft. to .... ft., From | ..... ft. to .... ft., From | ..... ft. to .... ft., From | ..... ft. to .... ft., From |
| What is the nearest source of possible contamination:               | 1 Septic tank               | 4 Lateral lines             | 7 Pit privy                 | 10 Livestock pens           |
| 2 Sewer lines   | 5 Cess pool                 | 8 Sewage lagoon             | 12 Fertilizer storage       | 14 Abandoned water well     |
| 3 Watertight sewer lines  | 6 Seepage pit               | 9 Feedyard                  | 13 Insecticide storage      | 15 Oil well/Gas well        |
| 16 Other (specify below)  |                             |                             |                             |                             |
| Direction from well? <u>E-NE</u>                                    |                             |                             | How many feet? <u>85</u>    |                             |

| FROM | TO  | LITHOLOGIC LOG                      | FROM | TO  | PLUGGING INTERVALS |
|------|-----|-------------------------------------|------|-----|--------------------|
| 0    | 4   | Top Soil                            | 292  | 299 | BROWN CLAY         |
| 4    | 27  | TAN SANDY CLAY                      | 299  | 303 | FINE SAND          |
| 27   | 43  | BROWN SANDY CLAY & SANDSTONE        | 303  | 312 | BROWN CLAY         |
| 43   | 52  | TAN SANDY CLAY                      | 312  | 314 | FINE SAND          |
| 52   | 86  | SAND                                | 314  | 317 | BROWN CLAY         |
| 86   | 112 | SAND w/ SANDY CLAY STREAKS          | 317  | 322 | FINE SAND          |
| 112  | 161 | TAN SANDY CLAY                      | 322  | 332 | BROWN CLAY         |
| 161  | 164 | SANDSTONE                           | 332  | 335 | FINE SAND          |
| 164  | 187 | TAN CLAY                            | 335  | 340 | BROWN CLAY         |
| 187  | 204 | PINK SANDY CLAY                     |      |     |                    |
| 204  | 216 | TAN SANDY CLAY                      |      |     |                    |
| 216  | 245 | TAN SANDY CLAY w/ SAND STREAKS      |      |     |                    |
| 245  | 254 | SAND (COARSE)                       |      |     |                    |
| 254  | 261 | TAN SANDY CLAY                      |      |     |                    |
| 261  | 292 | FINE SAND w/ TAN SANDY CLAY STREAKS |      |     |                    |

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| 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) <u>12-3-96</u> and this record is true to the best of my knowledge and belief. Kansas |
| Water Well Contractor's License No. <u>600-A</u> This Water Well Record was completed on (mo/day/yr) <u>12-4-96</u>  |
| under the business name of <u>CRAMER DRILLING CO.</u> by (signature) <u>Ray Cramer</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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.