

|   |    |  |   |  |                        |
|---|----|--|---|--|------------------------|
| 1 LOCATION OF WATER WELL:   |    | Fraction   | Section Number                                    | Township Number                          | Range Number           |
| County: <u>Gray</u>   |    | Near $\frac{1}{4}$ Center of $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$   | <u>15</u>   | T <u>27</u> S                            | R <u>28</u> E <u>N</u> |
| Distance and direction from nearest town or city street address of well if located within city?<br><u>Approximately 7½ south, 1½ west of Cimarron, Kansas</u>   |    |  |   |  |                        |
| 2 WATER WELL OWNER: <u>Walter Markel</u>  |    |  |   |  |                        |
| RR#, St. Address, Box # :   |    |  | Board of Agriculture, Division of Water Resources |  |                        |
| City, State, ZIP Code : <u>Cimarron, KS 67835</u>   |    |  | Application Number: <u>28,127</u>                 |  |                        |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  |    | 4 DEPTH OF COMPLETED WELL: <u>230'</u> ft. ELEVATION: .....  |   |  |                        |
|   |    | Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.   |   |  |                        |
|   |    | WELL'S STATIC WATER LEVEL <u>111'</u> ft. below land surface measured on mo/day/yr <u>7-14-86</u>  |   |  |                        |
|   |    | Pump test data: Well water was <u>220</u> ft. after <u>4</u> hours pumping <u>250</u> gpm  |   |  |                        |
|   |    | Est. Yield <u>250</u> gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  |   |  |                        |
|   |    | Bore Hole Diameter <u>24"</u> in. to <u>230'</u> ft., and ..... in. to ..... ft.   |   |  |                        |
| 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 Observation well |   |  |                        |
| Was a chemical/bacteriological sample submitted to Department? Yes.....No <u>X</u> .....; If yes, mo/day/yr sample was submitted  |    |  |   |  |                        |
| Water Well Disinfected? Yes ..... No <u>X</u>   |    |  |   |  |                        |
| 5 TYPE OF BLANK CASING USED:  |    |  |   |  |                        |
| 1 Steel   |    | 3 RMP (SR)   |   | 5 Wrought iron                           |                        |
| 2 PVC   |    | 4 ABS  |   | 6 Asbestos-Cement                        |                        |
|   |    |  |   | 7 Fiberglass                             |                        |
|   |    |  |   | 8 Concrete tile                          |                        |
|   |    |  |   | 9 Other (specify below)                  |                        |
|   |    |  |   | CASING JOINTS: Glued ..... Clamped ..... |                        |
|   |    |  |   | Welded .....                             |                        |
|   |    |  |   | Threaded .....                           |                        |
| Blank casing diameter <u>16"</u> in. to <u>230'</u> ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.   |    |  |   |  |                        |
| Casing height above land surface <u>12"</u> in., weight <u>42.05</u> lbs./ft. Wall thickness or gauge No. <u>250w</u>   |    |  |   |  |                        |
| TYPE OF SCREEN OR PERFORATION MATERIAL:   |    |  |   |  |                        |
| 1 Steel   |    | 3 Stainless steel  |   | 5 Fiberglass                             |                        |
| 2 Brass   |    | 4 Galvanized steel   |   | 6 Concrete tile                          |                        |
|   |    |  |   | 7 PVC                                    |                        |
|   |    |  |   | 8 RMP (SR)                               |                        |
|   |    |  |   | 9 ABS                                    |                        |
|   |    |  |   | 10 Asbestos-cement                       |                        |
|   |    |  |   | 11 Other (specify) .....                 |                        |
|   |    |  |   | 12 None used (open hole)                 |                        |
| SCREEN OR PERFORATION OPENINGS ARE:   |    |  |   |  |                        |
| 1 Continuous slot   |    | 3 Mill slot  |   | 5 Gauzed wrapped                         |                        |
| 2 Louvered shutter  |    | 4 Key punched  |   | 6 Wire wrapped                           |                        |
|   |    |  |   | 7 Torch cut                              |                        |
|   |    |  |   | 8 Saw cut                                |                        |
|   |    |  |   | 9 Drilled holes                          |                        |
|   |    |  |   | 10 Other (specify) .....                 |                        |
|   |    |  |   | 11 None (open hole)                      |                        |
| SCREEN-PERFORATED INTERVALS: From <u>90-110</u> ft. to <u>200-220</u> ft., From ..... ft. to ..... ft.  |    |  |   |  |                        |
| From <u>125-165</u> ft. to ..... ft., From ..... ft. to ..... ft.   |    |  |   |  |                        |
| GRAVEL PACK INTERVALS: From <u>10'</u> ft. to <u>230'</u> ft., From ..... ft. to ..... ft.  |    |  |   |  |                        |
| From ..... ft. to ..... ft., From ..... ft. to ..... ft.  |    |  |   |  |                        |
| 6 GROUT MATERIAL: 1 Neat cement      2 Cement grout      3 Bentonite      4 Other .....   |    |  |   |  |                        |
| Grout intervals: From <u>0-10'</u> ft. to ..... 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                              |                        |
| 2 Sewer lines   |    | 5 Cess pool  |   | 8 Sewage lagoon                          |                        |
| 3 Watertight sewer lines  |    | 6 Seepage pit  |   | 9 Feedyard                               |                        |
|   |    |  |   | 10 Livestock pens                        |                        |
|   |    |  |   | 11 Fuel storage                          |                        |
|   |    |  |   | 12 Fertilizer storage                    |                        |
|   |    |  |   | 13 Insecticide storage                   |                        |
|   |    |  |   | 14 Abandoned water well                  |                        |
|   |    |  |   | 15 Oil well/Gas well                     |                        |
|   |    |  |   | 16 Other (specify below)                 |                        |
|   |    |  |   | ... <b>NONE OBSERVED</b> ...             |                        |
| Direction from well? How many feet?   |    |  |   |  |                        |
| FROM  | TO | LITHOLOGIC LOG   |   | FROM                                     | TO                     |
|   |    | SEE ATTACHED LOG   |   |  |                        |
|   |    |  |   |  |                        |
|   |    |  |   |  |                        |
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|   |    |  |   |  |                        |
| 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>7-11-86</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>145</u> This Water Well Record was completed on (mo/day/yr) <u>7-31-86</u> under the business name of <u>Henkle Drilling &amp; Supply Co., Inc.</u> by (signature) <u>Bruce J. Beckwith</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.  |    |  |   |  |                        |

OFFICE USE ONLY

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## DRILLERS TEST LOG

CUSTOMERS NAME Charles Markel DATE 8-19-86  
STREET ADDRESS \_\_\_\_\_ TEST # 1 E. LOG yes  
CITY & STATE Cimmaron, KS DRILLER B. Loss  
COUNTY Gray QUARTER SE 4 SECTION 15 TOWNSHIP 27 RANGE 28

LOCATION \_\_\_\_\_

[illegible]

GARDEN CITY, KS  
Phone 276-3278

HENKLE DRILLING & SUPPLY CO., INC.  
IRRIGATION HEADQUARTERS

SUBLETTE, KS  
Phone 675-4311

TEST HOLES \* \* \* \* \* IRRIGATION & INDUSTRIAL WELLS \* \* \* \* STOCK WELLS