| pole and an  | WATER WE                      | LL RECORD                 | Form WWC-5           | 6 KSA 82a-         | 1212                |               |                             |
|--|-------------------------------|---------------------------|----------------------|--------------------|---------------------|---------------|-----------------------------|
| LOCATION OF WATER WELL:  | Fraction                      |                           |                      | ction Number       | Township N          | umber         | Range Number                |
| County: Stevens  | SW 1/4                        | SW 1/4                    | SW1/4                | 9                  | T 33                | s             | R 37 EW ∙                   |
| Distance and direction from nearest town   | •                             | s of well if locate       | ed within city?      |                    |                     |               |                             |
| Northwest corner of Ci   |                               |                           |                      |                    |                     |               |                             |
| WATER WELL OWNER: City of  |                               |                           |                      |                    |                     |               |                             |
| R#, St. Address, Box # : P. O. B   |                               |                           |                      |                    |                     |               | Division of Water Resources |
| City, State, ZIP Code : Hugoton  |                               |                           |                      |                    | Application         | Number:       | 11,190                      |
| LOCATE WELL'S LOCATION WITH 4<br>AN "X" IN SECTION BOX:  |                               |                           |                      |                    |                     |               |                             |
| N De   | epth(s) Groundwater           | Encountered 1             | l                    | ft. 2.             |                     | ft. 3.        | 5/28/86                     |
| )  | ELL'S STATIC WAT              | ER LEVEL 9.               | ft. b                | elow land surf     | ace measured on     | mo/day/yr     | 640                         |
| NW NE  |                               |                           |                      |                    |                     |               | mping 640 gpm               |
|  |                               |                           |                      |                    |                     |               | nping gpm                   |
| . W  |                               |                           |                      | · ·                |                     |               | toft.                       |
| -  | ELL WATER TO BE<br>1 Domestic |                           | 5 Public water       |                    | B Air conditioning  |               | njection well               |
| SW SE  | 2 Irrigation                  | 3 Feedlot<br>4 Industrial | 6 Oil field wa       |                    | •                   |               | Other (Specify below)       |
| x   w  | •                             |                           |                      |                    |                     |               | mo/day/yr sample was sub-   |
|  | itted                         | lological sample          | submitted to D       | •                  | er Well Disinfecte  |               |                             |
| TYPE OF BLANK CASING USED:   |                               | /rought iron              | 8 Concre             |                    |                     |               | No No                       |
| 1 Steel 3 RMP (SR)   |                               | sbestos-Cement            |                      |                    |                     |               | ed X                        |
| 2 PVC 4 ABS  |                               | iberglass                 |                      |                    | ,<br>               |               | ded                         |
| 3lank casing diameter 16 in.   |                               | •                         |                      |                    |                     |               |                             |
| Casing height above land surface 12.   |                               |                           |                      |                    |                     |               |                             |
| YPE OF SCREEN OR PERFORATION N   |                               |                           | 7 PV                 |                    |                     | estos-ceme    |                             |
| 1 Steel 3 Stainless st   |                               | iberglass                 | 8 RM                 | IP (SR)            |                     |               |                             |
| 2 Brass 4 Galvanized   |                               | -                         | 9 AB                 | ` '                |                     | e used (ope   |                             |
| <b>3CREEN OR PERFORATION OPENINGS</b>  | ARE:                          | 5 Gauz                    | ed wrapped           |                    | 8 Saw cut           |               | 11 None (open hole)         |
| 1 Continuous slot 3 Mill s   | slot                          | 6 Wire                    | wrapped              |                    | 9 Drilled holes     |               |                             |
| 2 Louvered shutter 4 Key   | punched                       | 7 Torch                   | cut                  |                    | 10 Other (specify   | ·)            |                             |
| CREEN-PERFORATED INTERVALS:  | From 400-53                   | 5 ft. to .                |                      | ft., From          | 1                   | ft. to        | o                           |
|  | From                          | ft. to .                  | . <i>.</i>           | ft., From          | 1                   | ft. to        | o                           |
| GRAVEL PACK INTERVALS:   | From 20-535                   | ft. to .                  |                      | ft., From          | 1                   | ft. to        | o                           |
|  | From                          | ft. to                    | W                    | ft., From          | 1                   | ft. to        | ft.                         |
| GROUT MATERIAL: 1 Neat cen   | nent 2 Ce                     | ment grout                | 3 Bento              | onite 4 (          | Other               |               |                             |
|  |                               | ft., From                 | ft.                  | to                 | ft., From           |               | . ft. to                    |
| What is the nearest source of possible co  |                               |                           |                      | 10 Livesto         | •                   |               | pandoned water well         |
| 1 Septic tank 4 Lateral I  |                               | 7 Pit privy               |                      | 11 Fuel s          |                     |               | l well/Gas well             |
| 2 Sewer lines 5 Cess po  |                               | 8 Sewage lag              | oon                  |                    | zer storage         |               | ther (specify below)        |
| 3 Watertight sewer lines 6 Seepage   | e pit                         | 9 Feedyard                |                      |                    | icide storage       | .None.C       | bserved                     |
| Direction from well? FROM TO   | LITHOLOGIC LOG                |                           | FROM                 | How man            | y feet?             | LITHOLOG      | 10.100                      |
| THOM   | LITTIOLOGIC LOG               |                           | PROW                 | '0                 |                     | LITHOLOG      | lo Lod                      |
|  |                               |                           | -                    |                    |                     |               |                             |
| Se   | e Attached I                  | og                        |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
| - Company of the Comp |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
| <u> </u>   |                               |                           |                      |                    |                     |               |                             |
|  |                               |                           |                      |                    |                     |               |                             |
| CONTRACTOR'S OR LANDOWNER'S  | CERTIFICATION:                | This water well w         | as (1) constru       | cted, (2) recor    | nstructed, or (3) p | lugged und    | er my jurisdiction and was  |
| ompleted on (mo/day/year) 4/29/3   | 86                            |                           |                      | and this recor     | d is true to the be | st of my kno  | owledge and belief. Kansas  |
| Vater Well Contractor's License No   |                               |                           |                      |                    |                     |               |                             |
| nder the business name of Henkle   | Drilling & S                  | Supply Co.                | , Inc.               | by (signati        | ure) Brune          | Iten          | : hmults                    |
| NSTRUCTIONS: Use typewriter or ball poi  | nt pen, PLEASE PR             | ESS FIRMLY an             | d <u>PRINT</u> clear | ly. Please fill in | blanks, underline   | of circle the | correct answers. Send top   |
| hree copies to Kansas Department of Healt DWNER and retain one for your records.   | n and Environment, I          | Jivision of Enviror       | nment, Environ       | mental Geology     | y Section, Topeka   | , NS 66620.   | Send one to WATER WELL      |
|  |                               |                           |                      |                    |                     |               |                             |

## DRILLERS TEST LOG

| CUSTOMERS NAME _ | City of Hugoton Kansas  | DATE 2-20-86 |
|------------------|-------------------------|--------------|
|                  |                         |              |
|                  | Hugoton, Kansas         |              |
|                  | QUARTER SW SECTION 9 TO |              |
| LOCATION         |                         |              |

|     |             |     | GE .         | Static Water Level   |
|-----|-------------|-----|--------------|--|
|     | From        | Pay | To           | DESCRIPTION OF STRATA Proposed Well Depth                      |
|     | 0           |     | 2            | 'Top Soil  |
|     | 2           |     | 14           | Caliche , Clay   |
|     | 14          |     | 20           | Red Clay   |
|     | 20          |     | 51           | Sand fine to medium, few small gravel, loose                   |
|     | 51          |     | 72           | Brown sandy clay, caliche and few fine sand stks.              |
|     | 72          |     | 89           | Sand fine to medium, coarse, few small gravel (cemented)       |
|     | 89          |     | 111          | Brown sandy clay and limerock                                  |
|     | 111         |     | 142          | Caliche and chalk and white sandy clay                         |
|     | 142         |     | 173          | Brown sandy clay and limerock                                  |
| 30  | 173         | 08  | 181          | Brown sandy clay, limerock and sand fine to med., coarse st.   |
|     | 181         |     | 192          | Sand fine and sandy clay                                       |
| 55  | 192         | 06  | 198          | Sand fine to medium, coarse, small gravel                      |
|     | 198         |     | 202          | Brown sandy clay   |
| 45  | 202         | 07  | 209          | Sand fine to medium, coarse, small gravel and sandy clay       |
|     | 209         |     | 225          | Red sandy clay and fine sand                                   |
| 40  | 225         | 05  | 230          | Sand fine to medium, coarse, small gravel and very few clay st |
|     | 230         |     | 357          | Red sandy clay and sand fine, small and coarse stks.           |
|     |             |     |              | Samples hard to catch mud got thick                            |
|     | 357         |     | 380          | Red clay and rock ledges and few fine sand stks.               |
|     | 380         |     | 397          | Red sandy clay and few coarse sand stks.                       |
| 70  | 397         | 80  | 477          | Sand fine to medium, coarse, small gravel, brown gravel and    |
|     |             |     |              | tan rock and very few clay stks, loose و                       |
|     | 477         | 33  | 510          | Sand fine to medium, coarse, small gravel and brown sandy clay |
| -60 | 510         | 2.1 | 531          | Sand fine to medium, coarse, small gravel, brown gravel        |
|     |             |     |              | and tan rock and few clay stks. Drills tight                   |
|     | 531         |     | 540          | Red Bed  |
|     |             |     | <b></b>      |  |
|     |             |     |              | Set Up North   |
|     |             |     | <b> </b>     | Pit On The East  |
|     |             | -   | ļ            |  |
|     |             |     | <b></b>      |  |
|     | <del></del> |     | <b></b>      |  |
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|     |             |     | <del> </del> |  |

GARDEN CITY, KS Phone 276-3278 TEST HOLES \* \* \*

HENKLE DRILLING & SUPPLY CO., INC. IRRIGATION HEADQUARTERS \*IRRIGATION & INDUSTRIAL WELLS \* \* \* \* STOCK WELLS

SUBLETTE, KS Phone 675-4311