|   |   | WAIL   | R WELL RECORD   | Form WWC-5  | KSA 82a-   | 1212   |  |
|---|---|--|---|---|--|--|--|
| LOCATION OF WATE  | R WELL:   | Fraction   | Center of   | NW Sec  | tion Number  | Township Number  | Range Number   |
| County: Stevens   |   |  | . //  | 1/4   | 7  | T 33 S   | R 38 E(W)  |
| Distance and direction for  |   | •  |   | •   |  |  |  |
|   |   |  | miles West of   | Hugoton,  | Ks.  |  |  |
| WATER WELL OWN  | <b>ER</b> : Marli   | ln Heger   |   |   |  |  |  |
| RR#, St. Address, Box   | # : RFD ]   | L  |   |   |  | Board of Agriculture,  | Division of Water Resources  |
| City, State, ZIP Code   | : Hugot   | on, Ks. 6  | 7951  |   |  | Application Number:  | 38,616   |
| LOCATE WELL'S LO  | CATION WITH   | 4 DEPTH OF C   | COMPLETED WELL.   | 487'  | ft. ELEVA  | TION:  |  |
| AN "X" IN SECTION   | BOX:  |  |   |   |  |  | 3  |
| <del>,                                    </del>  |   |  |   |   |  |  | r .9/20/88   |
|   | - i   |  |   |   |  |  | umping 1373 gpm  |
| N <u>W</u>  -   | - NE  |  | • -   |   |  | •  | umping gpm   |
| ! ! !   | ! ! !   |  | •   |   |  | -  | n. toft.   |
| * w <del>                                   </del>  | E]  |  | TO BE USED AS:  |   |  |  |  |
| -   |   | ,  |   | 5 Public wate   |  | 8 Air conditioning 11  |  |
| sw  | - SE  | 1 Domestic   |   | 6 Oil field wa  |  |  | ? Other (Specify below)  |
|   | · •   | 2 Irrigation   |   | -   |  |  |  |
| l l   |   | Was a chemical   | /bacteriological sampl  | e submitted to De   |  |  | s, mo/day/yr sample was sub  |
| <u> </u>  |   | mitted   |   |   |  | er Well Disinfected? Yes   | No X   |
| TYPE OF BLANK CA  |   |  | 5 Wrought iron  | 8 Concre  | ete tile   | CASING JOINTS: Glu   | ed Clamped   |
| 1 Steel   | 3 RMP (S  | R)   | 6 Asbestos-Cemer  |   | (specify below   | •  | lded   |
| 2 PVC   | 4 ABS   |  | 7 Fiberglass  |   |  | Thre   | eaded  |
| Blank casing diameter .   | 16  | .in. to $\dots$ 487  | 7! ft., Dia   | in. to  |  | ft., Dia   | . in. to ft.   |
| Casing height above lar   | nd surface  | 12   | in., weight   | . 42.05   | Ibs./1   | ft. Wall thickness or gauge  | No 25.0W   |
| TYPE OF SCREEN OR   |   |  |   | 7 PV  |  | 10 Asbestos-cen  |  |
| 1 Steel   | 3 Stainless   | s steel  | 5 Fiberglass  | 8 RM  | IP (SR)  | 11 Other (specify  | y)   |
| 2 Brass   | 4 Galvaniz  | zed steel  | 6 Concrete tile   | 9 AB  |  | 12 None used (d  |  |
| SCREEN OR PERFOR  |   |  |   | uzed wrapped  |  | 8 Saw cut  | 11 None (open hole)  |
| 1 Continuous slot   |   | lill slot  |   | re wrapped  |  | 9 Drilled holes  | ,  |
| 2 Louvered shutte   |   | ey punched   |   | rch cut   |  |  |  |
| SCREEN-PERFORATE  |   |  |   |   | ft Eror  |  | toft.  |
| SONELIN-FERI ORATE  | J INTERVALO.  |  |   |   |  |  | toft.  |
| CBAVEL BAC  | K INTERVALS:  |  |   |   |  |  | toft.  |
| GRAVEL PAC  | K INTERVALO:  | rrom   | <del>.</del>  |   |  |  | 10   |
|   |   |  |   |   |  |  |  |
| <b>.</b>  |   | From   | ft. to  |   | ft., Fror  | n ft.  | to ft.   |
| GROUT MATERIAL:   | 1 Neat  | From cement  | ft. to<br>2 Cement grout  | 3 Bento   | ft., From  | m ft.<br>Other   | to ft.   |
| GROUT MATERIAL: Grout Intervals: From   | 1 Neat  | From cement  | ft. to<br>2 Cement grout  | 3 Bento   | ft., From  | m ft. Other  | to ft.   |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou   | 1 Neat  | From cement .ft. to  | ft. to<br>2 Cement grout<br>20.1. ft., From   | 3 Bento   | ft., From the ft.  | m ft. Other  | to ftft. toft. Abandoned water well  |
| GROUT MATERIAL:   | 1 Neat  | From cement  | ft. to<br>2 Cement grout  | 3 Bento   | ft., From the printe 4 to  | m         ft.           Other            ft., From            tock pens         14           storage         15                                  | to ftft. toft. Abandoned water well Oil well/Gas well  |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou   | 1 Neat  | From cement .ft. to  | ft. to<br>2 Cement grout<br>20.1. ft., From   | 3 Bento ft.   | ft., From<br>nite 4<br>to  | m         ft.           Other            ft., From            tock pens         14           storage         15           zer storage         16 | to ft.  ft. to ft. Abandoned water well Oil well/Gas well Other (specify below)  |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank   | 1 Neat O  | From cement .ft. to  | ft. to  2 Cement grout  20.1. ft., From  7 Pit privy  | 3 Bento   | ft., From<br>nite 4<br>to  | m ft. Other  | to ftft. toft. Abandoned water well Oil well/Gas well  |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewer  | 1 Neat O  | From cement .ft. to  | ft. to  2 Cement grout  20.1. ft., From  7 Pit privy  8 Sewage la   | 3 Bento   | ft., From<br>nite 4<br>to  | m ft. Other  | to ft.  ft. to ft. Abandoned water well Oil well/Gas well Other (specify below) one observed   |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewer  | 1 Neat O  | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage la 9 Feedyard  | 3 Bento   | ft., From the first firs | m ft. Other  | to ft.  ft. to ft. Abandoned water well Oil well/Gas well Other (specify below)  |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewe   | 1 Neat O  | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage la 9 Feedyard  | _3_Bento  | ft., From the first firs | m ft. Other  | to ft.  ft. to ft. Abandoned water well Oil well/Gas well Other (specify below) one observed   |
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| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewe   | 1 Neat O  | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard  | _3_Bento  | ft., From the first firs | m ft. Other  | to ft.  ft. to ft. Abandoned water well Oil well/Gas well Other (specify below) one observed   |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewe   | 1 Neat O  | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard  | _3_Bento  | ft., From the first firs | m ft. Other  | to ft.  ft. to ft. Abandoned water well Oil well/Gas well Other (specify below) one observed   |
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| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewe   | 1 Neat O  | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard  | 3 Bento   | ft., From the first firs | m ft. Other  | to ft.  ft. to ft. Abandoned water well Oil well/Gas well Other (specify below) one observed   |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewe Direction from well? FROM TO  | 1 Neat O Irce of possible 4 Later 5 Cess r lines 6 Seep         | From cement .ft. to? contamination: ral lines s pool page pit LITHOLOGIC ttached loc | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard C LOG  | 3_Bentoft.  | ft., From the first f | m ft. Other  | to ft. to  |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewe Direction from well? FROM TO  | 1 Neat O Irce of possible 4 Later 5 Cess r lines 6 Seep  See a  | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard C LOG  | 3 Bento ft.  agoon  FROM  I was (1) constru                     | ft., From the first f | m ft. Other  | to ft.  ft. to   |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewer Direction from well? FROM TO TO TO CONTRACTOR'S Occompleted on (mo/day/y   | 1 Neat O Irce of possible 4 Later 5 Cess r lines 6 Seep  See a: | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard C LOG  | 3 Bento ft.  agoon  FROM  I was (1) constru                     | ft., From the first f | m ft. Other  | to ft.  ft. to   |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewe Direction from well? FROM TO  CONTRACTOR'S Occumpleted on (mo/day/) Water Well Contractor's   | 1 Neat () () () () () () () () () () () () ()                   | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard C LOG  | 3 Bento ft. agoon FROM I was (1) constru                        | ft., From the first f | m ft. Other  | to ft.  ft. to   |
| GROUT MATERIAL:  Grout Intervals: From What is the nearest sound in Septic tank 2 Sewer lines 3 Watertight sewer Direction from well?  FROM TO  | 1 Neat O Irce of possible 4 Later 5 Cess r lines 6 Seep  See a: | From cement .ft. to  | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard C LOG  TION: This water well This Water & Supply Com | 3 Bento ft.  agoon  FROM  I was (1) constructive was pany, Inc. | ft., From the first f | m ft. Other  | to ft. to  |
| GROUT MATERIAL: Grout Intervals: From What is the nearest sou 1 Septic tank 2 Sewer lines 3 Watertight sewer Direction from well? FROM TO  CONTRACTOR'S Or completed on (mo/day/y) Water Well Contractor's under the business nam INSTRUCTIONS: Use two | 1 Neat O Irce of possible 4 Later 5 Cess r lines 6 Seep  See a: | From cement ft. to   | ft. to 2 Cement grout 20.1. ft., From 7 Pit privy 8 Sewage li 9 Feedyard C LOG  TION: This water well                         | 3 Bento ft.  agoon  FROM  I was (1) constru                     | ft. From the first fr | m ft. Other  | to ft. to ft.  ft. to ft.  Abandoned water well Oil well/Gas well Other (specify below) One observed  OGIC LOG  OGIC LOG |

## DRILLERS TEST LOG

| CUSTOMERS NAME Marlin Heger         | DATE                |
|-------------------------------------|---------------------|
| STREET ADDRESS                      | TEST # 2 E. LOG YES |
| CITY & STATE Hugoton, KS 67951      | DRILLER Livingston  |
| COUNTY Stevens QUARTER NW SECTION 7 | TOWNSHIP33RANGE38   |
| LOCATION 33 St east of pivot        |                     |

| ~    | T == |          |     | WELL LOCATION   |
|------|------|----------|-----|---|
| %    |      | OOTA     |     | Static Water Level  |
|      | From | Pay      |     | DESCRIPTION OF STRATA Proposed Well Depth                 |
|      | 0    | <b> </b> | 2   | Top Soil  |
|      | 2    |          | 26  | Brown and red sandy clay                                  |
|      | 26   |          | 37  | Sand, fine to medium                                      |
|      | 37   |          | 70  | Sand, fine to medium, small to medium gravel              |
|      | 70   |          | 80  | Gray clay   |
|      | 80   |          | 84  | Sand, fine to medium                                      |
|      | 84   |          | 133 | Brown sandy clay, limerock                                |
|      | 133  |          | 160 | Brown clay and few sand stks.                             |
|      | 160  |          | 198 | Brown sandy clay, limerock and fine sand stks.            |
| 40   | 198  | 20       | 230 | Sand, fine to medium                                      |
|      | 230  |          | 257 | Brown sandy clay and few limerock and fine sand stks.     |
| 20   | 257  | 13       | 270 | Sand, fine and small and few clay stks.                   |
|      | 270  |          | 278 | Brown sandy clay and fine sand stks.                      |
| 50   | 278  | 12       | 290 | Sand, fine to medium and few coarse                       |
|      | 290  |          | 296 | Brown sandy clay and limewock                             |
| 50   | 296  | 14       | 310 | Sand, fine to medium, coarse, drills cemented             |
| _70_ | 310  | 20       | 330 | Sand, fine to medium, coarse small to medium brown gravel |
|      |      |          |     | and tan rock - loose                                      |
|      | 330  |          | 334 | Brown clay  |
| 80   | 334  | 13       | 347 | Sand, fine to meidum, coarse, small to large:             |
|      |      |          |     | brown gravel and tan rock                                 |
| 65   | 347  | 15       | 362 | Sand, fine to mediulm, coarse, small to medium            |
| }    |      |          |     | brown gravel and cemented                                 |
|      | 362  |          | 380 | Red clay and soapstone and few sandstone stks.            |
| 20   | 380  | 67       | 447 | Soapstone and sandstone and few red clay stks.            |
|      |      |          | {   | drills good in places,used water                          |
| 15   | 447  | 23       | 470 | Red clay, soapstone and red sandstone                     |
| -20  | 470  | 14       | 484 | Red clay, soapstone and Cheyenne about 477                |
|      | 484  |          | 490 | Red Bed   |
|      |      |          |     |   |
| -    |      |          |     | TOTAL DEPTH: 487'   |
|      |      |          |     | 3 - Jel Set up - East                                     |
| -    |      |          |     | ½ Scak Bran Pit on the South                              |
| -    |      |          |     | Top 70' used lots of water                                |
|      |      |          |     |   |
|      |      |          |     |   |
| -    |      |          |     |   |
| 1    | 1    | - (      |     |   |

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

HENKLE DRILLING & SUPPLY CO., INC. IRRIGATION HEADQUARTERS

SUBLETTE, KS Phone 675-4311

\*IRRIGATION & INDUSTRIAL WELLS \* \* \* STOCK WELLS