| WATER WELL RECORD FOR WWC-5   |                   |                                  |  |  | r Kesources App. N  |   |  |
|---|-------------------|----------------------------------|--|--|---------------------|---|--|
| 1 LOCATION OF WATER WELL:<br>County: Norton   |                   | Fraction<br>NW ¼ SE ¼ NE         | 1/4 NE 1/4   |  | Township No. T 4 S  | Range Number<br>R 23 □E ☑W              |  |
| Street/Rural Address of Well Location; if unknown, distance & direction   |                   |                                  |  | Global Positioning System (GPS) information:   |                     |   |  |
| from nearest town or intersection: If at owner's address, check here .  |                   |                                  |  | Latitude: .39,7090830. (in decimal degrees) Longitude: -999478610. (in decimal degrees) Elevation: |                     |   |  |
| A WATER WELLOWNER.  |                   |                                  |  | <u>Datum</u> : ☐ WGS 84, ☐ NAD 83, ☐ NAD 27  |                     |   |  |
| 2 WATER WELL OWNER: Craig Renner RR#, Street Address, Box #: 1010 West Ave  |                   |                                  |  | Collection Method:  ☐ GPS unit (Make/Model: Handheld)  |                     |   |  |
| RR#, Street Address, Box #: 1010 West Ave City, State, ZIP Code : Norton, KS 67654  |                   |                                  | ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey  Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m |  |                     |   |  |
| 3 LOCATE WELL   |                   |                                  | 207  |  |                     |   |  |
| WITH AN "X" IN  | 4 DEPTH OF C      | COMPLETED WELL                   | , <u>, , , , , , , , , , , , , , , , , , </u>  | ft.  | 2                   |   |  |
| SECTION BOX:  | Deptn(s) Ground   | water Encountered C WATER LEVEL! | (1)V.\<br>01   | π. (2)   | II. (,              | 3)π.<br>/                               |  |
|   | WELL SSIAII       | test data: Well water            | 166  | t of 3   | neasured on mo/da   | ay/yr <del>4</del> (9).19               |  |
|   | FUIIIP            | gpm. Well water                  | was!xy   |  | hours pum           | ning.40 gpm                             |  |
| w NW NE   E   | Rore Hole Diam    | eter 12in. to .2                 | พ <i>ล</i> ร<br>07 ค   | it. attet  | to                  | A Shiring                               |  |
| WE  | WELL WATER        | TO BE USED AS:                   | Public wate  | er supply  | othermal 🗀 I        | niection well                           |  |
| '   '   | ☐ Domestic        | Feedlot C                        |  |  |                     |   |  |
| SW   SE   | ✓ Irrigation      | ☐ Industrial ☐ I                 |  |  |                     |   |  |
|   |                   | bacteriological sample           | submitted to   | Department?  | Yes ♥ No            |   |  |
| s   |                   | day/yr sample was subi           |  |  | <del></del>         |   |  |
| mile  |                   | fected? Yes 🔽 N                  |  |  |                     |   |  |
| 5 TYPE OF CASING U  | SFD.  Steel       | P PVC DO                         | ther   |  |                     |   |  |
| CASING JOINTS:  |                   |                                  |  |  | •••••               |   |  |
| Casing diameter .6  | in to 167         | f Diameter                       | in to  | o ft D   | iameter             | in to                                   |  |
| Casing height above lar   | nd surface 18     | in Weight                        | SDR21  | lbs./ft Wall thic  | kness or gauge No   | .375                                    |  |
| TYPE OF SCREEN OR   | PERFORATION 1     | MATERIAL:                        |  |  | adiess of Sange III | ,                                       |  |
|   | nless Steel       | <b>Z</b> PVC                     |  | Other (Specify)  |                     |   |  |
|   |                   | None used (open ho               |  |  |                     |   |  |
| SCREEN OR PERFORATION OPENINGS ARE:   |                   |                                  |  |  |                     |   |  |
| ☑ Continuous slot ☐ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole)  |                   |                                  |  |  |                     |   |  |
| Louvered shutter  |                   |                                  |  |  |                     |   |  |
| SCREEN-PERFORATED INTERVALS:         From   |                   |                                  |  |  |                     |   |  |
| GRAVEL PACK INTERVALS: From   |                   |                                  |  |  |                     |   |  |
| From  |                   |                                  |  |  |                     |   |  |
| 6 GROUT MATERIAL  | : Neat ceme       | nt                               | 7 Benton   | ite  |                     | 0                                       |  |
| Grout Intervals: From   | .0 ft. to         | .22 ft., From                    | f  | t. to ft   | From                | ft to ft                                |  |
| What is the nearest source  | of possible conta | mination:                        |  |  | -                   |   |  |
| ☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☑ Other (specify below)  |                   |                                  |  |  |                     |   |  |
| Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well ☐ Watertight sewer lines ☐ Seenage pit ☐ Feedvard ☐ Fertilizer storage ☐ Oil well/gas well   |                   |                                  |  |  |                     |   |  |
| ☐ Watertight sewer li<br>Direction from well .E.  | nes U Seepage pi  | t ∐ Feedyard ∟                   | Fertilizer sto   |  |                     | *************************************** |  |
|   |                   | C I OC                           |  | rom well300'   |                     | CODIO DIZERVALO                         |  |
| FROM TO   | LITHOLOGI         | C LOG                            | FROM   | TO LITHO, LO   | or PLU              | GGING INTERVALS                         |  |
| See att   | ached log         |                                  |  |  |                     |   |  |
|   |                   | 4                                |  |  |                     |   |  |
|   |                   |                                  |  |  |                     |   |  |
|   |                   |                                  |  |  |                     |   |  |
|   |                   |                                  |  |  |                     |   |  |
|   |                   |                                  |  |  |                     |   |  |
|   |                   |                                  |  |  |                     |   |  |
|   |                   |                                  |  |  |                     |   |  |
|   |                   |                                  |  |  |                     |   |  |
| 7 CONTRACTOR'S OR   | LANDOWNED         | S CERTIFICATION                  | • This water   | r well was [7] const-  | icted Traconst      | oted or Dalucasi                        |  |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was \( \bigcirc\) constructed, \( \bigcirc\) reconstructed, or \( \bigcirc\) plugged under my jurisdiction and was completed on (mo/day/year) .4/6/20.10 and this record is true to the best of my knowledge and belief. |                   |                                  |  |  |                     |   |  |
| Kansas Water Well Contractor's License No433 This Water Well Record was completed on (mo/day/year) .4/23/2010   |                   |                                  |  |  |                     |   |  |
| under the business name of Sargent Irrigation by (signature)  |                   |                                  |  |  |                     |   |  |
| INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the orrect answers. Send three copies  |                   |                                  |  |  |                     |   |  |
| (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.  |                   |                                  |  |  |                     |   |  |
| Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.   |                   |                                  |  |  |                     |   |  |
| KSA 82a-1212 Check: White Copy, Blue Copy, Pink Copy  |                   |                                  |  |  |                     |   |  |
|   |                   |                                  |  | OHOOK. EM WI   | cop,, Diu           | - coby                                  |  |

## Sargent Irrigation

WELL AND PUMP SERVICE

PO Box 268 Holdrege, NE 68949 825 Brewster Road

Phone: (308) 995-6143 1-800-860-2946

## **TEST HOLE LOG**

CUSTOMER: Craig Renner

WELL ID:
LOCATION: NE ¼, 18-T4S-R23W

LATITUDE: 39.7090830

LONGITUDE: -99.9478610

FOOTAGES: 4284' N of South line & 441' W of East line

DATE: 04/6/2010

DRILLED BY: Kyle Schoff

SWL: 101' PWL: 166' GPM: 48

| from feet | <ul> <li>to feet</li> </ul> |   |
|-----------|-----------------------------|---|
| 0         | 5                           | Top soil  |
| 5         | 20                          | Sandy clay, fine sand and limestone                                       |
| 20        | 40                          | Clay and slip clay with fine sand and traces of limestone                 |
| 40        | 60                          | Sandy clay and fine sand with thin limestone strips                       |
| 60        | 72                          | Red clay  |
| 72        | 80                          | Fine to medium sand and red clay with limestone                           |
| 80        | 100                         | Fine to medium sand and red sandy clay with limestone strips              |
| 100       | 120                         | Red sandy clay  |
| 120       | 140                         | Sandy clay with fine sand streaks and traces of limestone                 |
| 140       | 180                         | Sandy clay and fine sand  |
| 180       | 200                         | Sandy clay and fine sand with medium to coarse sand and limestone streaks |
| 200       | 220                         | Sandy clay with traces of orange ochre                                    |
| 220       | 40                          | Sandy clay with orange ochre  |

## Well Information:

Well depth: 207'
Plain casing: 167'
Perf. Set: 167'

Bore hole: 12" Perf. casing: 40' Gravel: 22-207' Casing size: 6" Slot size: .016" Grout: 0-22'