| WATER WELL R   |                               | W W C-5                       |                     | sion of Water                    |   | /-11 ID                                 |  |  |
|--|-------------------------------|-------------------------------|---------------------|----------------------------------|---|---|--|--|
| Original Record  |                               | nge in Well Use               |                     | urces App. No.                   | 1   | Vell ID                                 |  |  |
| 1 LOCATION OF W  |                               | Fraction                      |                     | tion Number                      | Township Number   | Range Number                            |  |  |
| County: Nov  |                               | 1/4 NW/4 NW/4                 |                     | (                                | T 4 S   | ROY □EXW                                |  |  |
| 2 WELL OWNER: L  | ast Name: SC CH+              | First: Chenyl                 | Street or Rur       | al Address wh                    | nere well is located (if a  | ınknown, distance and                   |  |  |
| Business:  |                               | -1.491                        | direction from n    | earest town or in                | ersection): If at owner's a   | ddress, check here: 🗌 📗                 |  |  |
| Address: 01705   | ROOG ED                       |                               | <                   | الما الما                        | 1   |   |  |  |
| Address:   | . 1)                          |                               | S                   | 5 \$ W                           | 4   |   |  |  |
| city: Edmond   |                               | S ZIP: 67645                  |                     |                                  |   |   |  |  |
| 3 LOCATE WELL  | A DEPTH OF CO                 | MPLETED WELL: .               | <b>JRS</b> #        | 5 Lotitud                        | 39° 44′ 20.   | 2" (desimal degrees)                    |  |  |
| WITH "X" IN  | Dougle (a) Consum description | - Encountered: 1)             | . <del></del> 10.   | 3 Lautuu                         | 000 50 14   | (decinial degrees)                      |  |  |
| SECTION BOX:   | Depth(s) Groundwate           | r Encountered: 1)             | II.<br>7 D W-11     | Longitu                          | 5 Latitude: 39° 44′ 30° 3′′ (decimal degrees) Longitude: 38° 15° 16′′ (decimal degrees) |   |  |  |
| N  | 2) II.                        | 3) ft., or, 4) [              | 1 Diy well          |                                  | Horizontal Datum: WGS 84 NAD 83 NAD 27  |   |  |  |
|  |                               | ATER LEVEL: 14.6              |                     | Source for Latitude/Longitude:   |   |   |  |  |
| '   '  |                               | ce, measured on (mo-day-      |                     | GPS (unit make/model:)           |   |   |  |  |
| NW NE  |                               | e, measured on (mo-day-       |                     | (WAAS enabled? ☐ Yes ☐ No)       |   |   |  |  |
|  | 1 .                           | water was fl                  |                     | ☐ Land Survey ☐ Topographic Map  |   |   |  |  |
| W E  |                               | irs pumping                   |                     | ☐ Online Mapper:                 |   |   |  |  |
| SW SE  |                               | water was f                   |                     |                                  |   |   |  |  |
| sw se  | afterhou                      | irs pumping                   | gpm                 | 6 Florestic                      | Д П   | Canada anal T TOC                       |  |  |
|  | Estimated Yield: 0.5          | gpm vac                       |                     | 6 Elevation:ft. Ground Level TOC |   |   |  |  |
| s  | Bore Hole Diameter:           | 30 in. to 385                 | ft. and             |                                  | Source:   Land Survey GPS Topographic Map   |   |  |  |
| mile   |                               | in. to                        |                     | L                                | Other   |   |  |  |
| 7 WELL WATER TO  | BE USED AS:                   |                               |                     |                                  |   |   |  |  |
| 1. Domestic:   |                               | Vater Supply: well ID         |                     | 10. □ Oil F                      | ield Water Supply: lease  |   |  |  |
| ☐ Household  |                               | ing: how many wells?          |                     |                                  | le: well ID   |   |  |  |
| ☐ Lawn & Garden  |                               | Recharge: well ID             |                     |                                  | d □ Uncased □ Geo   |   |  |  |
| Livestock  |                               | ing: well ID                  |                     |                                  | mal: how many bores?  |   |  |  |
| 2. Irrigation  |                               | ntal Remediation: well ID     |                     |                                  | ed Loop   Horizontal  |   |  |  |
| 3. Feedlot   | 9. Environine<br>☐ Air Spai   |                               |                     |                                  | Loop Surface Dischar  |   |  |  |
| . —  | ☐ Recover                     |                               | 2XII aCHOII         |                                  | r (specify):  |   |  |  |
| 4. Industrial  |                               |                               |                     |                                  |   |   |  |  |
| Was a chemical/bacter  | riological sample sub         | mitted to KDHE? 🔲             | Yes XINo            | If yes, date s                   | ample was submitted: .  |   |  |  |
| Water well disinfected?  | Yes MXNo ,                    |                               | •                   |                                  |   |   |  |  |
| 8 TYPE OF CASING Casing diameter   | USED: Steel X P               | VC  Other                     | CASIN               | IG JOINTS: Y                     | Glued $\square$ Clamped $\square$   | Welded □ Threaded                       |  |  |
| Casing diameter  | in to 1455 f                  | Diameter                      | in. to              | ft Diamet                        | er in. to   | ft.                                     |  |  |
| Casing height above land   | surface 18                    | in Weight                     | lhs /ft             | Wall thickne                     | ss or gauge No  | 5                                       |  |  |
| TYPE OF SCREEN OF  | DEDEOD ATION M                | ATEDIAI                       | 103,/11.            | Wan thicking                     | ss of gauge fro   | ~~                                      |  |  |
|  |                               | <b>1</b> /                    |                     | □ Othor                          | (Specify)   |   |  |  |
| . – –  |                               |                               |                     |                                  | (Specify)   | *************************************** |  |  |
|  |                               |                               | sed (open hole      | )                                |   |   |  |  |
| SCREEN OR PERFOR   |                               |                               |                     |                                  |   |   |  |  |
| Continuous Slot  | ☐ Mill Slot ☐                 | Gauze Wrapped 🔲 To            | rch Cut ∐ D         | rilled Holes L                   | ☐ Other (Specify)   |   |  |  |
| ☐ Louvered Shutter   | ☐ Key Punched ☐               | Wire Wrapped 🔲 Sa             | w Cut 🔲 N           | one (Open Hol                    | e)  |   |  |  |
| SCREEN-PERFORAT  |                               |                               |                     |                                  |   |   |  |  |
| GRAVEL PA  | CK INTERVALS: Fr              | om                            | . ft., From         | ft. to                           | ft., From   | ft. to ft.                              |  |  |
| 9 GROUT MATERIA<br>Grout Intervals: From   | L: Neat cement                | Cement grout Be               | ntonite $\square$ O | ther                             |   |   |  |  |
| Grout Intervals: From  | 5 ft 05                       | ft From                       | ft. to              | ft. From                         | ft to   | ft                                      |  |  |
| Nearest source of possible   | le contamination              | 10, 1 10, 11                  |                     | , 1, 1                           |   |   |  |  |
| Septic Tank  | ☐ Lateral Li                  | nes 🔲 Pit Privy               | П                   | Livestock Pens                   | ☐ Insecticide   | Storage                                 |  |  |
| Sewer Lines  | ☐ Cess Pool                   |                               |                     | Fuel Storage                     | ☐ Abandoned   |   |  |  |
| ☐ Watertight Sewer Li  |                               |                               |                     | Fertilizer Stora                 |   |   |  |  |
|  |                               |                               |                     | Citilizer Stora                  | ge 🗆 On wend  | ias wen                                 |  |  |
| Direction from well?   |                               |                               |                     |                                  | A   |   |  |  |
| 10 FROM TO   |                               | OGIC LOG                      | FROM                |                                  | THO. LOG (cont.) or PL  | LICCING INTERVALS                       |  |  |
| IO FROM TO   | LITHOL                        | odic rod                      | TROM                | 10 L                             | THO. LOG (coil.) of FL  | OGGING INTERVALS                        |  |  |
|  |                               |                               | 1                   |                                  |   |   |  |  |
|  |                               |                               |                     |                                  |   |   |  |  |
|  |                               |                               | 1                   |                                  |   |   |  |  |
|  |                               |                               |                     |                                  |   |   |  |  |
|  |                               |                               |                     |                                  |   |   |  |  |
|  |                               |                               | 1                   |                                  |   |   |  |  |
|  |                               |                               | Notes:              |                                  |   |   |  |  |
|  |                               |                               | ٦                   |                                  |   |   |  |  |
|  |                               |                               | ┥                   |                                  |   |   |  |  |
| 11 CONTRACTORS   | OD LANDOWNER                  | 20 CERTIFICATION              | J. This water       |                                  | annother to d   | mustad as Dalussad                      |  |  |
| 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged   |                               |                               |                     |                                  |   |   |  |  |
| under my jurisdiction and was completed on (mo-day-year) (2:38:15 and this record is true to the best of my knowledge and belief.  Kansas Water Well Contractor's License No |                               |                               |                     |                                  |   |   |  |  |
| under the business nam   | and Some of T                 | iv:ユ I nis W8                 | uci well Kec        | ord was comp                     | recerping into-pay-year   | )(                                      |  |  |
| Moil 1 white com-  | ong with a fee SEES OO See    | each constructed well to: Kar |                     | of Health and P-                 | vironment Durgon of I   | GWTC Costion                            |  |  |
|  |                               |                               |                     |                                  |   |   |  |  |
| Visit us at http://www.kdhek   | · ·                           | as 66612-1367. Mail one to    | KSA 82a-12          |                                  |   | /85-296-5524.<br>Revised 7/10/2015      |  |  |
|  | s gov/waterwell/index html    |                               | NOM 028-12          | 14                               |   | NEVINCU //10/2015                       |  |  |

DRL DRL

## 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:   | Cheryl Scott                    | DATE: | 10/20/2015 |
|-------------|---------------------------------|-------|------------|
| WELL ID:    | Test Hole #3                    |       |            |
| LOCATION:   | NE ¼, 1-T4S-R24W Norton Co., KS |       |            |
| LATITUDE:   | N 39°44' 19.9"                  |       |            |
| LONGITUDE:  | W 99º 58' 18.9"                 |       |            |
| FOOTAGES:   |                                 |       |            |
| DRILLED BY: | Scott                           | ****  |            |

SWL: PWL:

| from foot            | to for                | •4  | GPM:          |
|----------------------|-----------------------|---|---------------|
| from feet<br>0       | - <u>to fee</u><br>20 |   |               |
| 20                   | 40                    | Topsoil and brown silty clay and brown clay                 |               |
| 40                   | 52                    | Brown clay  |               |
| <del>4</del> 0<br>52 |                       | Brown and tan sandy clay                                    |               |
| 60                   | 60<br>70              | Sandstone   |               |
|                      | 70<br>70              | Sandstone   |               |
| 70<br>72             | 72                    | Tan sandy clay  |               |
|                      | 80                    | Fine med sandstone with tan sandy clay layers               |               |
| 80                   | 83                    | Fine med sandstone  |               |
| 83                   | 100                   | Tan sandy clay with sandstone strips and white shale strip  |               |
| 100                  | 120                   | Tan and brown sandy clay with fine med sandstone strips     |               |
| 120                  | 131                   | Fine med sandstone with tan sandy clay strips and white s   | shale streaks |
| 131                  | 140                   | Tan sandy clay with sandstone and shale strips              |               |
| 140                  | 155                   | Fine med sandstone with tan sandy clay strips               |               |
| 155                  | 160                   | Tan sandy clay and brown sandy clay                         |               |
| 160                  | 180                   | Brown and tan sandy clay with cemented sandstone strea      | ks and        |
| limestone s          |                       |   |               |
| 180                  | 200                   | Fine med sandstone with clay strips and white shale layer   | S             |
| 200                  | 216                   | Sandstone and tan sandy clay layers                         |               |
| 216                  | 220                   | Tan and brown clay  |               |
| 220                  | 233                   | Sandy clay with sandstone strips and layers                 |               |
| 233                  | 240                   | Brown and tan clay  |               |
| 240                  | 243                   | Sandy clay  |               |
| 243                  | 250                   | Fine med sandstone with fine gravel and clay layers         |               |
| 250                  | 260                   | Sandy clay  |               |
| 260                  | 275                   | Med coarse sandstone and fine gravel                        |               |
| 275                  | 280                   | White shale with trace of ochre and limestone with tan clay | У             |
| 280                  | 295                   | Tan and brown sandy clay                                    |               |
| 295                  | 300                   | Ochre and red shale   |               |