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| 1 LOCATION OF WATER WELL:<br><b>Sedgwick</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | FRACTION<br><b>NW 1/4 NW 1/4 NW 1/4</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | SECTION NUMBER<br><b>31</b> | TOWNSHIP NUMBER<br><b>T 28 S</b> | RANGE NUMBER<br><b>R 2E E/W</b> |
| Distance and direction from nearest town or city street address of well if located within city?<br><b>839 E. Rough Creek Ct. Derby, Kansas</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                             |                                  |                                 |
| 2 WATER WELL OWNER:<br>RR#,ST. ADDRESS,BOX #:<br>CITY, STATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | WALTER REID CRAFTSMEN CO-OP<br><b>1300 Carolyn Derby, Kansas</b><br>Board of Agriculture, Division of Water Resource<br>ZIP CODE: Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                             |                                  |                                 |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 4 DEPTH OF COMPLETED WELL: <b>85</b> ft. ELEVATION:<br>Depth of groundwater Encountered: ft. ft. ft.<br>WELL'S STATIC WATER LEVEL <b>25</b> FT. BELOW LAND SURFACE MEASURED ON <b>11/23/10</b><br>Pump test data: Well water was ft. after hours of pumping @ gpm<br>Est. Yield: gpm Well water was ft. after hours of pumping @ gpm<br>Bore Hole Diameter <b>12</b> in. to <b>85</b> ft. and in. to ft.<br>WELL WATER TO BE USED AS:<br>1. Domestic 3. Feedlot 5. Public water supply 7. <u>Lawn and garden only</u> 9. Dewatering 11. Injection well<br>2. Irrigation 4. Industrial 6. Oil field water supply 8. Air conditioning 10. Monitoring well 12. Other (Specify below)<br>Was a chemical/bacteriological sample submitted to Department? YES NO ; If yes, what mo/day/yr was sample submitted<br>Was Water Well Disinfected? YES NO |  |                             |                                  |                                 |
| 5 TYPE OF CASING USED:<br>1. Steel 3. RPM (SR) 5. Wrought Iron 7. Fiberglass 9. Other (Specify below) CASING JOINTS: <u>Glued</u> Threaded<br><u>2. PVC</u> 4. ABS 6. Asbestos-Cement 8. Concrete tile SDR-26 Welded Clamped<br>Blank casing diameter <b>5</b> in. to <b>42</b> ft., Dia. in. to ft., Dia. in. to ft.<br>Casing height above land surface: <b>12</b> in., Weight: <b>2.35</b> lbs. / ft. Wall thickness or gauge No. <b>.214</b><br>TYPE OF SCREEN OR PERFORATION MATERIAL:<br>1. Steel 3. Stainless Steel 5. Fiberglass <u>7. PVC</u> 9. ABS 11. Other (specify)<br>2. Brass 4. Galvanized 6. Concrete Tile 8. RMP (SR) 10. Asbestos-Cement 12. None used (open hole)<br>SCREEN OR PERFORATION OPENINGS ARE:<br>1. Continuous slot 3. Mill slot 5. Gauzed wrapped 7. Torch cut 9. Drilled holes 11. None (open hole)<br>2. Louvered shutter 4. Key punched 6. Wire wrapped <u>8. Saw cut</u> 10. Other (specify)<br>SCREEN - PERFORATION INTERVAL From <b>42</b> ft. to <b>85</b> ft., From ft. to ft.<br>GRAVEL PACK INTERVALS: From <b>24</b> ft. to <b>85</b> ft., From ft. to ft.<br>From ft. to ft. From ft. to ft. |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                             |                                  |                                 |
| 6 GROUT MATERIALS: 1. Neat cement 2. Cement Grout 3. Bentonite Other <b>bentonite hole plug</b><br>Grout Intervals: From <b>4</b> ft. to <b>24</b> ft., From ft. to ft., From ft. to ft.<br>What is the nearest source of possible contamination:<br>1. Septic tank 4. Lateral lines 7. Pit privy 10. Livestock pens 13. Insecticide storage 15. Oil well/Gas well<br>2. Sewer lines 5. Cess Pool 8. Sewage lagoon 11. Fuel storage 14. Abandon water well 16. Other (specify below)<br><u>3. Watertight sewer line</u> 6. Seepage pit 9. Feed yard 12. Fertilizer storage<br>Direction from well? <b>Northeast</b> How many feet? <b>10 ft. plus</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                             |                                  |                                 |
| From To LITHOLOGIC LOG From To LITHOLOGIC LOG<br><b>0 3 topsoil</b><br><b>3 28 clay</b><br><b>28 40 fine sand</b><br><b>40 80 gray shale</b><br><b>80 85 limestone</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                             |                                  |                                 |
| 7 Contractor's or Landowner's Certification: This water well was 1. <u>constructed</u> 2. reconstructed or 3. plugged under my jurisdiction and was completed on (mo/day/year) <b>11-23-2010</b> and this record is to the best of my knowledge and belief.<br>Kansas Water Well Contractor's License No. <b>236</b> This water well record was completed on (mo/day/year) <b>11/26/2010</b><br>under the business name of <b>Harp Well and Pump Service</b> by (signature) <b>Todd S. Harp</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                             |                                  |                                 |