

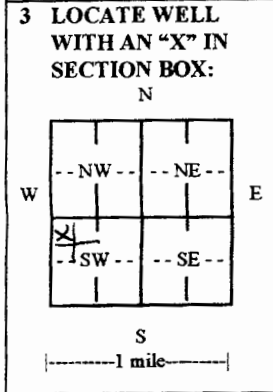
**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.

MW-2

|   |   |   |                               |  |
|---|---|---|-------------------------------|--|
| <b>1 LOCATION OF WATER WELL:</b><br>County: <b>Douglas</b>  | Fraction<br><b>SW 1/4 NW 1/4 NW 1/4 1/4</b> | Section Number<br><b>31</b>   | Township No.<br><b>T 12 S</b> | Range Number<br><b>R 20</b> <input checked="" type="checkbox"/> E <input type="checkbox"/> W |
| Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/><br><b>820 Ohio Street, Lawrence, KS 66044</b> |   | <b>Global Positioning System (GPS) information:</b><br>Latitude: <b>38.9686</b> (in decimal degrees)<br>Longitude: <b>95.2404</b> (in decimal degrees)<br>Elevation: <b>852'</b><br>Datum: <input checked="" type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27<br>Collection Method:<br><input type="checkbox"/> GPS unit (Make/Model: <b>Google Earth</b> )<br><input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey<br>Est. Accuracy: <input type="checkbox"/> <3 m, <input checked="" type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m |                               |  |
| <b>2 WATER WELL OWNER:</b> <b>Daniel L. Schriener</b><br>RR#, Street Address, Box #: <b>820 Ohio Street</b><br>City, State, ZIP Code: <b>Lawrence, KS 66044</b>   |   |   |                               |  |



**4 DEPTH OF COMPLETED WELL** **20.0'** ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.

WELL'S STATIC WATER LEVEL **14.50'** ft. below land surface measured on mo/day/yr. **5/8/14**

Pump test data: Well water was..... ft. after..... hours pumping..... gpm

EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm

Bore Hole Diameter **6.50"** in. to **20.0'** ft. and..... in. to..... ft.

WELL WATER TO BE USED AS:  Public water supply  Geothermal  Injection well  
 Domestic  Feedlot  Oil field water supply  Dewatering  Other (Specify below)  
 Irrigation  Industrial  Domestic-lawn & garden  Monitoring well

Was a chemical/bacteriological sample submitted to Department?  Yes  No

If yes, mo/day/yr sample was submitted.....

Water well disinfected?  Yes  No

**5 TYPE OF CASING USED:**  Steel  PVC  Other.....

CASING JOINTS:  Glued  Clamped  Welded  Threaded

Casing diameter **2.0"** in. to **5.0'** ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft.

Casing height above land surface **Flush** in., Weight..... lbs./ft., Wall thickness or gauge No. **Sch. 40**

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 Steel  Stainless Steel  PVC  Other (Specify).....  
 Brass  Galvanized Steel  None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 Continuous slot  Mill slot  Gauze wrapped  Torch cut  Drilled holes  None (open hole)  
 Louvered shutter  Key punched  Wire wrapped  Saw cut  Other (specify).....

SCREEN-PERFORATED INTERVALS: From **5.0'** ft. to **20.0'** ft., From..... ft. to..... ft.  
From..... ft. to..... ft., From..... ft. to..... ft.

GRAVEL PACK INTERVALS: From **4.0'** ft. to **20.0'** ft., From..... ft. to..... ft.  
From..... ft. to..... ft., From..... ft. to..... ft.

**6 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other.....

Grout Intervals: From **0** ft. to **1.0** ft., From **1.0** ft. to **4.0** ft., From..... ft. to..... ft.

What is the nearest source of possible contamination:  
 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  Seepage pit  Feedyard  Fertilizer storage  Oil well/gas well


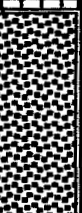






Direction from well..... Distance from well.....

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|------|----|----------------|------|----|--|
|      |    | See Boring Log |      |    |  |
|      |    |                |      |    |  |
|      |    |                |      |    |  |
|      |    |                |      |    |  |
|      |    |                |      |    |  |
|      |    |                |      |    |  |
|      |    |                |      |    |  |
|      |    |                |      |    |  |
|      |    |                |      |    |  |
|      |    |                |      |    |  |

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo/day/year) **5/8/2014**..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **606**..... This Water Well Record was completed on (mo/day/year) **1/27/2015**..... under the business name of **PSA Environmental** by (signature).....

**INSTRUCTIONS:** Use typewriter or ball point pen. **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks and check the correct 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.dohhs.gov/waterwell/index.html>

|                                       |                                |  |                                       |
|---------------------------------------|--------------------------------|--|---------------------------------------|
| Project: 820 Ohio                     | Project Number:<br>17.1.140122 | Client: John Bullock                     | Boring No. 2                          |
| 820 Ohio Street Lawrence Kansas 66044 |                                | Probing Contractor:<br>PSA Environmental | Probe Type:                           |
| Logged By:<br>Michael Dever           | Date                           | Started:<br>5/8/2014                     | Core Type                             |
| Drill Crew:                           |                                | Completed:<br>5/8/2014                   | Hammer Type:<br>NA                    |
| USA Ticket Number:                    |                                |  | Hammer Drop:                          |
| Groundwater Depth:<br>14.5 Feet BSG   |                                | Elevation:<br>850 Feet                   | Total Depth of Boring:<br>20 Feet BSG |

| Depth (feet) | Sample Type | Sample Number | Well Log              | Graphic Log   | Lithology  |                       |   |  |
|--------------|-------------|---------------|-----------------------|---|--|-----------------------|---|--|
|              |             |               |                       |   | <b>Lithology</b><br><b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors<br><br><b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions. |                       |   |  |
| 1            |             |               | R<br>I<br>S<br>E<br>R |    |  |                       |   |  |
| 5            |             |               |                       |  | Brown/Tan Silty Clay Firm/Moist  | Riser Start           |   |  |
|              |             |               |                       |  |  | Screen from 5-20 feet |   |  |
| 10           |             |               |                       |  | Brown/Tan Clay Firm/Moist  |                       |   |  |
|              | ☒           | 1             |                       |  | Sample B2 S1   |                       | ▼ |  |
| 15           | ☒           | 2             |                       |  | Brown Clay Firm/Moist  | Sample B2 S2          |   |  |
| 18           |             |               |                       |  | Brown Clayey Silt  | Firm Damp             |   |  |
| 20           |             |               |                       |  | Tan Clay   | Stiff                 | ▽ |  |

GuideWire Consulting, LLC

Boring Log: Sheet 1 of 1\_

☒ Sample

▼ Stabilized Ground water

▽ End of boring