

**WATER WELL RECORD Form WWC-5**

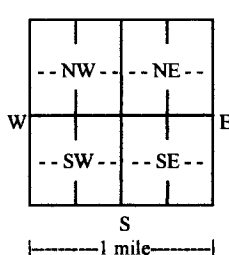
Original Record  Correction  Change in Well Use

Division of Water Resources App. No.  

Well ID  

<b>1 LOCATION OF WATER WELL:</b> County: <b>DOUGLAS</b>	Fraction NW ¼ SW ¼ NE ¼ SW ¼	Section Number <b>8</b>	Township Number <b>T 13 S</b>	Range Number <b>R 20</b> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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<b>2 WELL OWNER:</b> Last Name: <b>CITY OF LAWRENCE</b> Business: <b>CITY OF LAWRENCE</b> Address: <b>6 E. 6TH STREET</b> Address: <b>PO BOX 708</b> City: <b>LAWRENCE</b> State: <b>KS</b> ZIP: <b>66044</b>	Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/> <b>2730 HARPER STREET, LAWRENCE, KANSAS</b>
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<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  W E S 1 mile	<b>4 DEPTH OF COMPLETED WELL:</b> <b>400</b> ft. Depth(s) Groundwater Encountered: 1) <b>0</b> ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ..... ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr) ..... <input type="checkbox"/> above land surface, measured on (mo-day-yr) ..... Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm Well water was ..... ft. after <b>0</b> hours pumping ..... gpm Estimated Yield: <b>0</b> gpm Bore Hole Diameter: <b>5 5/8</b> in. to <b>400</b> ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> <b>38.932640</b> (decimal degrees) <b>Longitude:</b> <b>-95.216057</b> (decimal degrees) <b>Horizontal Datum:</b> <input type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 <b>Source for Latitude/Longitude:</b> <input type="checkbox"/> GPS (unit make/model: .....) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Online Mapper: <b>GOOGLE</b>
		<b>6 Elevation:</b> ..... ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC <b>Source:</b> <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other .....

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID .....	10. <input type="checkbox"/> Oil Field Water Supply: lease .....
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells? .....	11. Test Hole: well ID .....
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID .....	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input type="checkbox"/> Monitoring: well ID .....	12. Geothermal: how many bores? <b>1</b> .....
	9. Environmental Remediation: well ID .....	a) Closed Loop <input type="checkbox"/> Horizontal <input checked="" type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	13. <input type="checkbox"/> Other (specify): .....

Was a chemical/bacteriological sample submitted to KDHE?  Yes  No If yes, date sample was submitted: .....

Water well disinfected?  Yes  No

**8 TYPE OF CASING USED:**  Steel  PVC  Other **HD POLY** CASING JOINTS:  Glued  Clamped  Welded  Threaded  
Casing diameter below **1** in. to **400** ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
Casing height above land surface **36** in. Weight **SDR11** lbs./ft. Wall thickness or gauge No. **160PSI** .....

TYPE OF SCREEN OR PERFORATION MATERIAL: **NONE**  
 Steel  Stainless Steel  Fiberglass  PVC  Other (Specify) .....

Brass  Galvanized Steel  Concrete tile  None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: **NONE**  
 Continuous Slot  Mill Slot  Gauze Wrapped  Torch Cut  Drilled Holes  Other (Specify) .....

Louvered Shutter  Key Punched  Wire Wrapped  Saw Cut  None (Open Hole)

SCREEN-PERFORATED INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
GRAVEL PACK INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

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

Grout Intervals: From **400** ft. to **3** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

Nearest source of possible contamination:  
 Septic Tank  Lateral Lines  Pit Privy  Livestock Pens  Insecticide Storage  
 Sewer Lines  Cess Pool  Sewage Lagoon  Fuel Storage  Abandoned Water Well  
 Watertight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) .....

Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	6	SOIL/CLAY 172-186 SHALE	360	396	SHALE
6	46	SANDSTONE 186-204 LIME	396	400	SANDSTONE
46	49	LIME 204-242 SHALE			
49	110	SANDSTONE 242-308 LIME			
110	120	SAND 308-320 SHALE			
120	146	SANDSTONE 320-329 LIME			
146	156	LIME 329-344 SHALE			
156	162	SHALE 344-348 SANDSTONE			
162	172	LIME 348-360 LIME			

**Notes:**  
400-3 (1-400' BORE PLUGGED WITH HIGH SOLID BENTONITE)

**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) **09/22/2016** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **561** This Water Well Record was completed on (mo-day-year) **09/23/2016** under the business name of **EVANS ENERGY DEVELOPMENT, INC.** Signature *[Signature]*

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524. Visit us at <http://www.kdheks.gov/waterwell/index.html> KSA 82a-1212 Revised 7/10/2015