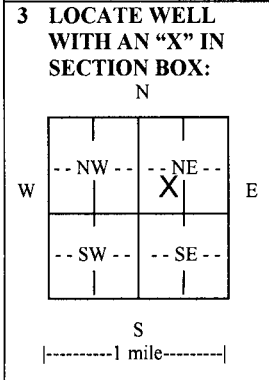


**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.

<b>1 LOCATION OF WATER WELL:</b> County: Douglas	Fraction - ¼ NE ¼ SW ¼ NE ¼	Section Number 4	Township No. T 13 S	Range Number R 20 <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"/> 1600 N. 1400 Road, Lawrence, Kansas (Well ID: PSW-3B1, ML: RW002AW, EDMR Code: RW002AW)		<b>Global Positioning System (GPS) information:</b> Latitude: 38.9530166..... (in decimal degrees) Longitude: 95.1925833..... (in decimal degrees) Elevation: unknown..... Datum: <input checked="" type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: <u>Garmin Geko 101</u> ) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey 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> Farmland Industries RR#, Street Address, Box #: PO Box 308 City, State, ZIP Code : Lawrence, Kansas				



**4 DEPTH OF COMPLETED WELL** 59.5..... ft.

Depth(s) Groundwater Encountered (1) 44..... ft. (2)..... ft. (3)..... ft.

WELL'S STATIC WATER LEVEL 29.....ft. below land surface measured on mo/day/yr. 5/7/10.....

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

EST. YIELD 10.....gpm. Well water was.....ft. after..... hours pumping..... gpm

Bore Hole Diameter 14.....in. to 59.5.....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 Recovery.....

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 .6..... in. to 46.5..... ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft.

Casing height above land surface 30..... in., Weight 3.535.....lbs./ft., Wall thickness or gauge No. 0.280".....

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 46.5..... ft. to 59.5..... ft., From..... ft. to..... ft.  
 From..... ft. to..... ft., From..... ft. to..... ft.

GRAVEL PACK INTERVALS: From 38..... ft. to 59.5..... 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 38..... ft., From..... ft. to..... 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 Lagoon.....

Direction from well south..... Distance from well 50 ft.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	9.5	Brown silty clay			
9.5	15	Brown to dk Brown silty clay to silt			
15	27	Gray to dk Brown silty clay			
27	35	Gray clay w/ brown silt from 34-35'			
35	44	Gray silty clay w/ fine sand			
44	48.5	Brown to gray very fine silty sand			
48.5	57	Fine to medium sand w/ little silt			
57	60	Medium to coarse sand w/ little silt			
60	62	Silty fine to medium sand			
62	63	Medium sand to fine silty/clayey sand			

**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) 5/6/10..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 616..... This Water Well Record was completed on (mo/day/year) 6/16/10..... under the business name of Thiele Geotech, Inc..... by (signature) D. J. [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.kdheks.gov/waterwell/index.html>.