

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.

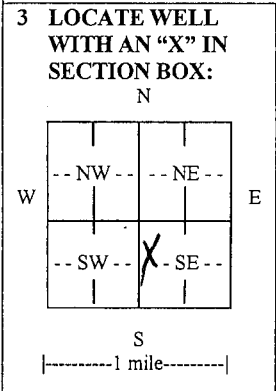
PB-17

<b>1 LOCATION OF WATER WELL:</b> County: Pottawatomie	Fraction ¼ SW ¼ NW ¼ SE ¼	Section Number 11	Township No. T 9 S	Range Number R 11 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .  
Jeffery's Energy Center

**Global Positioning System (GPS) information:**  
 Latitude: .39.27991..... (in decimal degrees)  
 Longitude: 96.15389..... (in decimal degrees)  
 Elevation: .....  
 Datum:  WGS 84,  NAD 83,  NAD 27  
 Collection Method:  
 GPS unit (Make/Model: .....)  
 Digital Map/Photo,  Topographic Map,  Land Survey  
 Est. Accuracy:  <3 m,  3-5 m,  5-15 m,  >15 m

**2 WATER WELL OWNER:** Westar  
 RR#, Street Address, Box #: 818 S. Kansas  
 City, State, ZIP Code : Topeka, Kansas 66612



**4 DEPTH OF COMPLETED WELL** 35..... ft.

Depth(s) Groundwater Encountered (1) 15.0..... ft. (2)..... ft. (3)..... ft.  
 WELL'S STATIC WATER LEVEL 17.0..... ft. below land surface measured on mo/day/yr. 4/12/2010.....  
 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 8.....in. to .....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..... in. to 35..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface..... in., Weight ..... lbs./ft., Wall thickness or gauge No. ....

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 25..... ft. to 35..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 22..... ft. to 35.5..... 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 3..... ft., From 3..... ft. to 22..... ft., From 35..... ft. to 36.5..... 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 Bottom Ash Lagoon.....  
 Direction from well east..... Distance from well 50 feet.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Clay, dark brown, moist			
1	5	Clayey sand, brown to black, dry			
5	18.5	Clay, dark brown, with silt			
18.5	26	Silty clay, brown, firm, wet			
26	29	Sand, brown, fine to medium grain			
29	33	Sandy clay, lt brown to lt gray, firm, some gravel			
33	35.5	Clayey gravel, loose, some silt and sand			
35.5	36.5	Shale, lt brown yellow to lt brown			

**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) 4/12/2010..... and this record is true to the best of my knowledge and belief.  
 Kansas Water Well Contractor's License No. 416..... This Water Well Record was completed on (mo/day/year) 5/14/2010.....  
 under the business name of Terracon Consultants, Inc..... by (signature) [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>.