

County: Shawnee Fraction SE SE SW Sec. 29 T 11 S R 16 EW

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)
(to rectify lacking or incorrect information)

Owner: BNSF Railway

Location was listed as:

Location changed to:

Section-Township-Range: _____

Fraction (1/4 1/4 1/4): _____

Other changes: Initial statements: Sedgewick County

Changed to: Shawnee County

Comments: _____

Verification method: Latitude & Longitude, KGS' "LEO" conversion tool,
written & legal descriptions, and mapping tool on KGS
website.

initials: DRJ date: 4/29/2013

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD

Form WWC-5

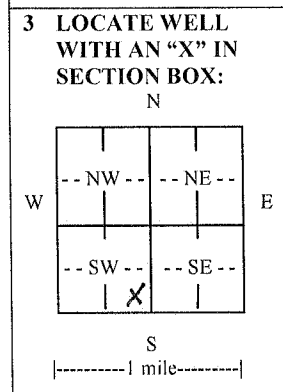
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Sedgewick	Fraction ¼ SE ¼ SE ¼ SW ¼	Section Number 29	Township No. T 11 S	Range Number R 16 <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 .
The well is located in the BNSF railroad yard just east of Adams St. in Topeka, KS.

Global Positioning System (GPS) information:
 Latitude: 39.0597 (in decimal degrees)
 Longitude: 95.6619 (in decimal degrees)
 Elevation: 875
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model: Garmin 60CS)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: BNSF Railway
 RR#, Street Address, Box #: 4515 Kansas Ave.
 City, State, ZIP Code : Kansas City, KS 68106



4 DEPTH OF COMPLETED WELL 49 ft.
 Depth(s) Groundwater Encountered (1) 33 ft. (2) ft. (3) ft.
 WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr
 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 49 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 24 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 49 ft. to 24 ft., From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 49 ft. to 21 ft., From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 21 ft. to 2 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 Railyard
 Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	25	Silty Clay			
25	49	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) 12/11/11 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 710 This Water Well Record was completed on (mo/day/year) 12/13/11 under the business name of Below Ground Surface, 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 785-296-5524. 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>.