

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

Location listed as:

Section-Township-Range: _____

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): _____

County: Sedgwick

Location ~~changed to:~~

5-255-2 W

NW NW NW NW

Other changes: Initial statements: Harvey County

Changed to: Sedgwick County

Comments: _____

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

initials: DR date: 12/15/2009

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.

1 LOCATION OF WATER WELL: County: Harvey	Fraction NW 1/4 NW 1/4 NW 1/4 NW 1/4	Section Number 5	Township No. T 25 S	Range Number R 2 ☐ E ☒ W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ On the southeast of intersection 125th St. N. and 199th St. W.		Global Positioning System (GPS) information: Latitude: 37° 54' 43.1" (in decimal degrees) Longitude: 097° 34' 23.2" (in decimal degrees) Elevation: Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27 Collection Method: ☒ GPS unit (Make/Model: Garmin) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m		
2 WATER WELL OWNER: City of Wichita RR#, Street Address, Box #: 455 North Main Street City, State, ZIP Code : Wichita, KS 67202				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S 1 mile	4 DEPTH OF COMPLETED WELL 178 ft. Depth(s) Groundwater Encountered (1) 19 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 19 ft. below land surface measured on mo/day/yr. 10/26/09 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 in. to 205 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 ☐ Observation Was a chemical/bacteriological sample submitted to Department? ☐ Yes ☒ No If yes, mo/day/yr sample was submitted Water well disinfected? ☐ Yes ☒ No
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5 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other CASING JOINTS: ☒ Flanged ☐ Clamped ☐ Welded ☒ Threaded Casing diameter 2 in. to 158 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 24 in., Weight 703 lbs./ft., Wall thickness or gauge No. 154 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 158 ft. to 178 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 151 ft. to 178 ft., From ft. to ft. From ft. to ft., From ft. to ft.
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6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other Grout Intervals: From 0 ft. to 151 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 ☐ Sepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well Direction from well Distance from well Over 1000 feet

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		Log attached			

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) 10/26/2009 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 755 This Water Well Record was completed on (mo/day/year) 11/12/2009 under the business name of Sargent Drilling by (signature) [Signature]
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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>.

Sargent Drilling
INDUSTRIAL ENGINEERING
COMPLETE MUNICIPAL AND INDUSTRIAL
WELL AND PUMP SERVICE

PO Box 367
Geneva, NE 68361-0367

846 South 13th St.

Phone: (402) 759-3902
1-888-496-3902

TEST HOLE LOG

CUSTOMER: City of Wichita	
WELL ID: OB51D	
LOCATION: NW ¼ NW ¼ NW ¼ NW ¼, 5-T25S-R2W, Harvey Co., KS	
LATITUDE: 37° 54' 43.1"	
LONGITUDE: 097° 34' 23.2"	
FOOTAGES: 5136 feet from the South section line and 5119 feet from the East section line.	
DATE: 10-26-09	DRILLED BY: Dave

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	2	Topsoil
2	7	Clay
7	19	Medium gravel
19	21	Clay
21	26	Medium gravel
26	27	Clay
27	40	Medium gravel
40	50	Fine gravel
50	76	Clay
76	80	Medium sand
80	99	Coarse sand with clay stringers
99	100	Clay
100	108	Fine gravel
108	153	Clay
153	160	Medium and coarse sand
160	170	Fine sand
170	180	Medium sand
180	186	Medium and coarse sand
186	198	Clay
198	203	Fine sand
203	205	Shale

Well Depth: 178'
Bore Hole Dia: 6"

Plain casing: 158' of 2"
Perf. casing: 20' of 2" slot size: .020"

Gravel pack from 151' to 178'
Bentonite from 0' to 151'