

WATER WELL RECORD MW3D

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Harvey</u>	Fraction <u>SW 1/4 SW 1/4 SE 1/4 SE 1/4</u>	Section Number <u>17</u>	Township No. <u>T 24 S</u>	Range Number <u>R 2 E W</u>
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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 ☐.
1/4 mile west of intersection 72nd St. and 183rd St. on the north side of 72nd St.

2 WATER WELL OWNER: City of <u>Wichita</u> RR#, Street Address, Box #: <u>455 North Main St.</u> City, State, ZIP Code : <u>Wichita, KS 67202</u>	Global Positioning System (GPS) information: Latitude: <u>37° 57' 21.9"</u> (in decimal degrees) Longitude: <u>097° 33' 36.2"</u> (in decimal degrees) Elevation: Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27 Collection Method: ☒ GPS unit (Make/Model: <u>Garmin</u>) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m
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3 LOCATE WELL WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL <u>245</u> ft. Depth(s) Groundwater Encountered (1) <u>19.1</u> ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL <u>19.1</u> ft. below land surface measured on mo/day/yr <u>11/11/09</u> 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 <u>6</u> in. to <u>255</u> 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
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5 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other CASING JOINTS: ☒ Glued ☐ Clamped ☐ Welded ☒ Threaded Casing diameter <u>2</u> in. to <u>225</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface <u>24</u> in., Weight <u>703</u> lbs./ft., Wall thickness or gauge No. <u>154</u> 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 <u>225</u> ft. to <u>245</u> ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>215</u> ft. to <u>245</u> ft., From ft. to ft.	FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS
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6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other Grout Intervals: From <u>0</u> ft. to <u>215</u> 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 Direction from well Distance from well <u>Over 1000 feet</u>	FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS
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FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS	FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS
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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) <u>11/11/2009</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>755</u> This Water Well Record was completed on (mo/day/year) <u>11/16/2009</u> under the business name of <u>Sargent Drilling</u> by (signature) <u>[Signature]</u>	FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS
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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: MW3D	
LOCATION: SW ¼ SW ¼ SE ¼ SE ¼, 17-T24S-R2W, Harvey Co., KS	
LATITUDE: 37° 57' 21.9"	
LONGITUDE: 097° 33' 36.2"	
FOOTAGES: 57' from the South section line and 1336 feet from the East section line.	
DATE: 11-11-09	DRILLED BY: CL

SWL:

PWL:

<u>from feet</u>	<u>- to feet</u>	
0	6	Clay
6	20	Fine, medium and coarse sand
20	40	Fine, medium and coarse sand and fine gravel
40	80	Fine, medium and coarse sand and fine and medium gravel
80	98	Fine, medium and coarse sand and fine gravel
98	100	Clay
100	127	Fine, medium and coarse sand
127	130	Clay
130	136	Fine, medium and coarse sand
136	141	Clay
141	147	Fine, medium and coarse sand
147	195	Clay
195	245	Fine, medium and coarse sand
245	255	Shale

Well Depth: 245'
Bore Hole Dia: 6"

Plain casing: 225' of 2"
Perf. casing: 20' of 2" slot size: .020"

Gravel pack from 215' to 245'
Bentonite from 0' to 215'

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