

<b>1 LOCATION OF WATER WELL:</b> County: Harvey  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"/> On the southeast of intersection SW 48th St. and 199th St.		Fraction NW ¼ NW ¼ NW ¼ NW ¼  Section Number 8 Township No. T 24 S Range Number R 2 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	
<b>2 WATER WELL OWNER:</b> City of Wichita RR#, Street Address, Box #: 455 North Main Street City, State, ZIP Code : Wichita, KS 67202		<b>Global Positioning System (GPS) information:</b> Latitude: 37° 59' 5.3" (in decimal degrees) Longitude: 097° 34' 23.6" (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: Garmin ) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m	

  

<b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> <p style="text-align: center;">S ----- 1 mile -----</p>	<b>4 DEPTH OF COMPLETED WELL 253 ft.</b> Depth(s) Groundwater Encountered (1) 32.8 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 32.8 ft. below land surface measured on mo/day/yr. 10/21/09 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 260 ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Observation Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted. Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<b>5 TYPE OF CASING USED:</b> <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other	
<b>CASING JOINTS:</b> <input checked="" type="checkbox"/> Keel <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded Casing diameter 2 in. to 233 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	
<b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b> <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> None used (open hole)	
<b>SCREEN OR PERFORATION OPENINGS ARE:</b> <input type="checkbox"/> Continuous slot <input checked="" type="checkbox"/> Mill slot <input type="checkbox"/> Gauze wrapped <input type="checkbox"/> Torch cut <input type="checkbox"/> Drilled holes <input type="checkbox"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input type="checkbox"/> Wire wrapped <input type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify)	
<b>SCREEN-PERFORATED INTERVALS:</b> From 233 ft. to 253 ft., From ft. to ft. From ft. to ft., From ft. to ft. <b>GRAVEL PACK INTERVALS:</b> From 225 ft. to 253 ft., From ft. to ft. From ft. to ft., From ft. to ft.	
<b>6 GROUT MATERIAL:</b> <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other Grout Intervals: From 0 ft. to 225 ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: <input checked="" type="checkbox"/> Septic tank <input type="checkbox"/> Lateral lines <input type="checkbox"/> Pit privy <input type="checkbox"/> Livestock pens <input type="checkbox"/> Insecticide storage <input type="checkbox"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input type="checkbox"/> Fuel storage <input type="checkbox"/> Abandoned water well <input type="checkbox"/> Watertight sewer lines <input type="checkbox"/> Seepage pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer storage <input type="checkbox"/> 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			

  

<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) 10/21/2009 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) 11/06/2009 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 13<sup>th</sup> St.

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

## TEST HOLE LOG

CUSTOMER: City of Wichita	
WELL ID: OB8D	
LOCATION: NW ¼ NW ¼ NW ¼ NW ¼, 8-T24S-R2W, Harvey Co., KS	
LATITUDE: 37° 59' 5.3"	
LONGITUDE: 097° 34' 23.6"	
FOOTAGES: 5163 feet from the South section line and 5134 feet from the East section line.	
DATE: 10-21-09	DRILLED BY: Dave

SWL:  
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	2	Topsoil
2	16	Sandy clay
16	37	Fine gravel
37	42	Clay
42	79	Medium gravel
79	80	Clay
80	93	Medium gravel
93	102	Clay
102	120	Medium and coarse sand
120	133	Sandy clay
133	138	Sandy clay with silt seams
138	140	Coarse sand
140	150	Medium sand
150	152	Clay
152	158	Coarse sand
158	160	Clay
160	163	Coarse sand
163	165	Sandy clay
165	180	Medium sand with clay stringers
180	188	Medium and coarse sand
188	190	Clay
190	212	Medium sand
212	213	Clay
213	215	Medium sand
215	218	Clay
218	220	Medium sand
220	240	Medium sand with clay stingers

240	253	Medium sand
253	260	Shale

Well Depth: 253'  
Bore Hole Dia: 6"

Plain casing: 233' of 2"  
Perf. casing: 20' of 2" slot size: .020"

Gravel pack from 225' to 253'  
Bentonite from 0' to 225'