

1 LOCATION OF WATER WELL: County: Harvey		Fraction NW ¼ NW ¼ NW ¼ SE ¼	Section Number 8	Township No. T 24 S	Range Number R 2 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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"/> . 1/2 mile north and 1/2 mile west of intersection SW 60th St. and 183rd St W.			Global Positioning System (GPS) information: Latitude: 37° 58' 38.8" (in decimal degrees) Longitude: 097° 33' 51.9" (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 <u>Collection Method:</u> <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		
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

-- NW -- -- NE --

-- SW -- -- SE --

S

----- 1 mile -----

4 DEPTH OF COMPLETED WELL ft.

Depth(s) Groundwater Encountered (1) 30.6 ft. (2) ft. (3) ft.

WELL'S STATIC WATER LEVEL 30.6 ft. below land surface measured on mo/day/yr. 10/22/09.....

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: ☐ 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

5 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other

CASING JOINTS: ☒ ~~Keel~~ ☐ Clamped ☐ Welded ☒ Threaded

Casing diameter .2 in. to 218 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 218 ft. to 238 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 210 ft. to 238 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 210 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

[illegible]

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) 10/22/2009 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]

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: OB11D	
LOCATION: NW ¼ NW ¼ NW ¼ SE ¼, 8-T24S-R2W, Harvey Co., KS	
LATITUDE: 37° 58' 38.8"	
LONGITUDE: 097° 33' 51.9"	
FOOTAGES: 2486 feet from the South section line and 2602 feet from the East section line.	
DATE: 10-22-09	DRILLED BY: Dave

SWL:

PWL:

<u>from feet</u>	<u>- to feet</u>	
0	2	Topsoil
2	16	Sandy clay
16	28	Medium sand
28	36	Fine gravel
36	41	Clay
41	60	Fine gravel
60	66	Clay
66	68	Medium sand
68	70	Clay
70	80	Medium sand
80	84	Coarse sand
84	85	Clay
85	97	Coarse sand
97	102	Clay
102	120	Medium and coarse sand
120	132	Coarse sand
132	134	Clay
134	139	Coarse sand
139	140	Clay
140	146	Fine gravel
146	148	Clay
148	155	Fine gravel
155	173	Clay
173	192	Coarse sand
192	194	Clay
194	196	Medium sand
196	201	Clay

201	206	Medium sand
206	208	Clay
208	238	Coarse sand
238	260	Shale

Well Depth: 238'
Bore Hole Dia: 6"

Plain casing: 218' of 2"
Perf. casing: 20' of 2"

Gravel pack from 210' to 238'
Bentonite from 0' to 210'