

1 LOCATION OF WATER WELL: County: Harvey	Fraction SE ¼ SE ¼ SE ¼ NE ¼	Section Number 11	Township No. T 24 S	Range Number R 3 ☐ E ☒ W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ 1/2 mile south of intersection SW 48th St. and 231st St. W on the east side of 231st St.		Global Positioning System (GPS) information: Latitude: 37° 58' 42.9" (in decimal degrees) Longitude: 097° 36' 40.0" (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: 	4 DEPTH OF COMPLETED WELL 265 ft. Depth(s) Groundwater Encountered (1) 24 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 24 ft. below land surface measured on mo/day/yr. 10/28/09 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 280 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: ☒ XXXX ☐ Clamped ☐ Welded ☒ Threaded Casing diameter 2 in. to 245 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 ☐ Gauge wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole) ☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☒ Saw cut ☐ Other (specify) SCREEN-PERFORATED INTERVALS: From 245 ft. to 265 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 235 ft. to 265 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 0 ft. to 235 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 Over 1000 feet	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
		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) 10/28/2009 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) 11/11/2009 under the business name of Sargent Drilling by (signature) <i>[Signature]</i>	
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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: OB42D	
LOCATION: SE ¼ SE ¼ SE ¼ NE ¼, 11-T24S-R3W, Harvey Co., KS	
LATITUDE: 37° 58' 42.9"	
LONGITUDE: 097° 36' 40.0"	
FOOTAGES: 2893 feet from the South section line and 217 feet from the East section line.	
DATE: 10-28-09	DRILLED BY: CL

SWL:

PWL:

<u>from feet</u>	<u>- to feet</u>	
0	10	Clay
10	34	Fine, medium and coarse sand and fine gravel
34	35	Clay
35	40	Fine, medium and coarse sand and fine gravel
40	75	Fine, medium and coarse sand and fine and medium gravel
75	81	Clay
81	100	Fine and medium sand
100	110	Fine, medium and coarse sand
110	124	Clay
124	136	Fine and medium sand
136	140	Clay
140	160	Gray clay
160	176	Clay
176	180	Fine and medium sand
180	186	Fine, medium and coarse sand
186	200	Tan clay
200	208	Clay
208	225	Fine, medium and coarse sand
225	229	Clay
229	230	Sand
230	265	Fine, medium and coarse sand
265	280	Shale

Well Depth: 265'
Bore Hole Dia: 6"

Plain casing: 245' of 2"
Perf. casing: 20' of 2"

slot size: .020"

Gravel pack from 235' to 265'
Bentonite from 0' to 235'