

1 LOCATION OF WATER WELL: County: Harvey		Fraction: NW ¼ NW ¼ NW ¼ NW ¼		Section Number 16	Township No. T 24 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 SW 60th St. and 183rd St. West.				Global Positioning System (GPS) information: Latitude: 37° 58' 10.9" (in decimal degrees) Longitude: 097° 33' 15.6" (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 199 ft. Depth(s) Groundwater Encountered (1) 29.1 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 29.1 ft. below land surface measured on mo/day/yr. 10/23/09 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 220 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: ☒ X ☒ X ☒ X ☐ Clamped ☐ Welded ☒ Threaded Casing diameter 2 in. to 179 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 179 ft. to 166 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 172 ft. to 199 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 172 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																																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">FROM</th> <th style="width:10%;">TO</th> <th style="width:40%;">LITHOLOGIC LOG</th> <th style="width:10%;">FROM</th> <th style="width:10%;">TO</th> <th style="width:20%;">LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>Log attached</td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS			Log attached																																																									
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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) 10/23/2009 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) 11/09/2009 under the business name of Sargent Drilling by (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

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

TEST HOLE LOG

CUSTOMER: City of Wichita	
WELL ID: OB14D	
LOCATION: NW ¼ NW ¼ NW ¼ NW ¼, 16-T24S-R2W, Harvey Co., KS	
LATITUDE: 37° 58' 10.9"	
LONGITUDE: 097° 33' 15.6"	
FOOTAGES: 5012 feet from the South section line and 4953 feet from the East section line.	
DATE: 10-23-09	DRILLED BY: Dave

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	2	Topsoil
2	11	Clay
11	16	Medium sand
16	33	Clay
33	52	Coarse sand
52	53	Clay
53	80	Coarse sand
80	100	Medium and coarse sand
100	107	Medium sand
107	108	Clay
108	120	Medium sand
120	140	Medium and coarse sand
140	160	Coarse sand
160	180	Medium and coarse sand
180	185	Coarse sand
185	190	Fine sand, tight
190	200	Coarse sand
200	220	Clay with silt seams

Well Depth: 199'
Bore Hole Dia: 6"

Plain casing: 179' of 2"
Perf. casing: 20' of 2"

slot size: .020"

Gravel pack from 172' to 199'
Bentonite from 0' to 172'