

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction NW ¼ NW ¼ NW ¼ NW ¼	Section Number 12	Township No. T 25 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 ☐ 5155 feet from the South section line & 5085 feet from the East section line-Simm's Park			Global Positioning System (GPS) information: Latitude: .37-8974720..... (in decimal degrees) Longitude: 97.4997770..... (in decimal degrees) Elevation: 1387..... Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27 Collection Method: ☐ GPS unit (Make/Model:) ☐ 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 N. Main St. City, State, ZIP Code : Wichita, KS 67202																				
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td></tr><tr><td>--NW--</td><td></td><td>--NE--</td></tr><tr><td></td><td></td><td></td></tr><tr><td>--SW--</td><td></td><td>--SE--</td></tr><tr><td></td><td></td><td></td></tr></table> E S -----1 mile-----					--NW--		--NE--				--SW--		--SE--				4 DEPTH OF COMPLETED WELL 204..... ft. Depth(s) Groundwater Encountered (1) 25.1..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 25.1..... ft. below land surface measured on mo/day/yr. 02/02/12..... Pump test data: Well water was 32..... ft. after 24..... hours pumping 1200..... gpm EST. YIELD 1200..... gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter 42..... in. to 49..... ft., and 36..... in. to 204..... 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			
--NW--		--NE--																		
--SW--		--SE--																		
5 TYPE OF CASING USED: ☐ Steel ☐ PVC ☒ Other Stainless Steel CASING JOINTS: ☐ Glued ☐ Clamped ☒ Welded ☐ Threaded Casing diameter .18..... in. to .57..... ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft. Casing height above land surface .18..... in., Weight 98..... lbs./ft., Wall thickness or gauge No. 50..... 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 See..... ft. to Attached..... ft., From..... ft. to..... ft. From..... ft. to..... ft., From..... ft. to..... ft. GRAVEL PACK INTERVALS: From 20..... ft. to 47..... ft., From 49..... ft. to 204..... ft. From..... ft. to..... ft., From..... ft. to..... ft.																				
6 GROUT MATERIAL: ☐ Neat cement ☒ Cement grout ☒ Bentonite ☐ Other Grout Intervals: From 0..... ft. to 20..... ft., From 47..... ft. to 49..... 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 SW..... Distance from well 1000 ft.....																				
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS															
0	1	Topsoil	138	175	Soft brown clay															
1	12	Soft Brown Clay	175	198	Coarse sand															
12	20	Soft gray clay	198	200	Soft brown clay															
20	40	Fine gravel, coarse sand	200	220	Soft blue clay and black shale															
40	92	Coarse sand																		
92	100	Coarse sand with fine gravel																		
100	117	Coarse sand with blue soft clay																		
117	119	Blue clay layer																		
119	122	Coarse sand																		
122	138	Blue soft clay																		
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) 01/24/2012.... 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) 06/26/2012..... 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 785-296-5524. 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
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Driller's Log

Customer: City of Wichita - Well #M-31		Legal: NW 1/4 NW 1/4 NW 1/4 NW 1/4, 12-T25S-R2W	
Date Construction Started: 1/24/2012		GPS Reading: 37° 53' 50.9" 097° 29' 59.2"	
Well Depth: 204'		Bore Hole: 60" - 0' to 20'	
		Bore Hole: 42" - 20' to 49'	
		Bore Hole: 36" - 49' to 204'	
Type of Plain Casing: Steel surface casing		Casing Dia.: 48"	
From: 0'	To 20'		
Type of Plain Casing: .50" wall steel casing		Casing Dia.: 18"	
From: 0'	To 52'		
Type of Plain Casing: .50" wall stainless steel		Casing Dia.: 18"	
From: 52'	To 57'		
Type of Perf. Casing: Stainless steel		Casing Dia.: 18"	
Slot size: .70"	From: 57'	To 72'	
Type of Plain Casing: .50" wall stainless steel		Casing Dia.: 18"	
From: 72'	To 75'		
Type of Perf. Casing: Stainless steel		Casing Dia.: 18"	
Slot size: .70"	From: 75'	To 94'	
Type of Plain Casing: .50" wall stainless steel		Casing Dia.: 18"	
From: 94'	To 104'		
Type of Perf. Casing: Stainless steel		Casing Dia.: 18"	
Slot size: .70"	From: 104'	To 119'	
Type of Plain Casing: .50" wall stainless steel		Casing Dia.: 18"	
From: 119'	To 124'		
Type of Plain Casing: .50" wall steel casing		Casing Dia.: 18"	
From: 124'	To 160'		
Type of Plain Casing: .50" wall stainless steel		Casing Dia.: 18"	
From: 160'	To 165'		
Type of Perf. Casing: Stainless steel		Casing Dia.: 18"	
Slot size: .70"	From: 165'	To 175'	
Type of Plain Casing: .50" wall stainless steel		Casing Dia.: 18"	
From: 175'	To 184'		
Type of Perf. Casing: Stainless steel		Casing Dia.: 18"	
Slot size: .70"	From: 184'	To 199'	

Sump From:		199'	To:	204'	Type of Bottom:	1/2" Stainless steel	
Gravel From:			Lafarge - Wichita		Grade Size:	Well gravel - 50% 3.55mm	
Yards of Gravel:			Description of Gravel:				
Bags of Bentonite:		2 Super sacks			Type of Bentonite:	Chunks	
Bags of Powder:		72			Yards of Concrete:		
Stabilizers:					Well Development Time:		

Ground Level	
	0' - 20' Cement grout
	20' - 47' Non-select gravel
	47' - 49' Bentonite hole phug
	49' - 204' Select gravel