

# WATER WELL RECORD MW-6R Form WWC-5

Division of Water Resources; App. No.  

**1 LOCATION OF WATER WELL:**  
 County: Wilson Fraction SE 1/4 NE 1/4 NE 1/4 Section Number 14 Township Number T 290 Range Number R 14 EW  
 Distance and direction from nearest town or city street address of well if located within city? **Global Positioning Systems** (decimal degrees, min. of 4 digits)  
 Latitude: N37° 31.597'  
 Longitude: W95° 50.092'

**2 WATER WELL OWNER:** Wilson County Shop  
 RR#, St. Address, Box #: 303 S. 3rd Street  
 City, State, ZIP Code: Frederick, KS  
 Elevation: \_\_\_\_\_ Datum: \_\_\_\_\_  
 Data Collection Method: Garmin

**3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:**

N				
	--NW--		--NE--	
W				E
	--SW--		--SE--	
S				

**4 DEPTH OF COMPLETED WELL** ..... 13.0 ..... ft.  
 Depth(s) Groundwater Encountered (1) Dr. y. ..... ft. (2) ..... ft. (3) ..... ft.  
 WELL'S STATIC WATER LEVEL ..... ft. below land surface measured on mo/day/yr. ....  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well .....  
 Was a chemical/bacteriological sample submitted to Department? Yes ..... No X .....; If yes, mo/day/yr  
 Sample was submitted N/A ..... Water well disinfected? Yes ..... No X .....

**5 TYPE OF CASING USED:** 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped .....  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded .....  
2 PVC 4 ABS 7 Fiberglass ..... Threaded .....  
 Blank casing diameter ..... 2 ..... in. to ..... 3 ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface ..... 0 ..... in., Weight ..... lbs./ft. Wall thickness or guage No. Sch 40 .....  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify) .....  
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw cut 10 Other (specify) .....  
 SCREEN-PERFORATED INTERVALS: From 10 ..... ft. to 13 ..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 2.5 ..... ft. to 13 ..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**6 GROUT MATERIAL:** 1 Neat cement 2 Cement grout 3 Bentonite 4 Other .....  
 Grout Intervals: From 0 ..... ft. to 2.5 ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 What is the nearest source of possible contamination:  
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide storage 16 Other (specify  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below)  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/gas well .....  
 Direction from well? ..... How many feet? .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<i>See attached</i>					

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was (1) constructed (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 5-9-08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 759 This Water Well Record was completed on (mo/day/year) 5-18-08 under the business name of RAZEK Environmental LLC by (signature) [Signature]

**INSTRUCTIONS:** Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies 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 to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.



LOG OF WELL NO: **MW-6R**

SHEET NUMBER 1 OF 1

PROJECT NAME: **Wilson County Shop A3-103-40164**

PROJECT LOCATION: **Emporia, Kansas**

PROJECT NUMBER: **COC-08-007**

GEOLOGIST: **Jason Davis**

DRILLER: **Tony Poutter / Razek Environmental**

DRILLING/PROBING CONTRACTOR: **Razek Environmental**

DRILLING METHOD / BORE DIAMETER: **hollow stem auger / 8" OD / 4.25" ID**

SAMPLING METHOD: **continuous sampler**

TOTAL DEPTH (feet): **13.0 feet**

START DATE: **05/09/08**

COMPLETION DATE: **05/09/08**

**Static Water Level Data**

Date **5/28/08** Depth **3.55**

**Survey Data**

Ground Surface: **864.52**

Latitude North: **37.52650**

Longitude West: **95.83500**

Top of casing: **864.16**

SAMPLE DEPTH AND TIME	PID (PPMV)	LITHOLOGY (FEET)	DEPTH (FEET)	WELL COMPLETION
0-1 16:15	0.2	[Dark grey pattern]	1	[Vertical line with screen]
			2	
1-5 16:15	0.1		3	
			4	
			5	
			6	
			7	
5-10 16:38	0.1		8	
			9	
			10	
			11	
10-13 16:55	0.1		12	
			13	
		14		
		15		
		16		
		17		
		18		
		19		
		20		
		21		
		22		
		23		
		24		
		25		

GEOLOGIC DESCRIPTION (NAME, color, particle size, characteristics)	
0.0-1.0 feet	0.0-1.0 feet fill material gravel rock
1.0-5.0 feet	1.0-5.0 (CH) Clay, tan to gray in color
Continuous sampler pushed 0-5 feet	
Static water level 3.55 feet below top of casing 860.45 ft	
5.0-10.0 feet	5.0-10.0 (CH) Clay, green to tan in color
Continuous sampler pushed 5-10 feet	
10.0-13.0 feet	10.0-13.0 (CH) Clay, green to tan in color
Continuous sampler pushed 10-13 feet	
Total depth achieved 13.0 feet bgs	

**NOTES:**

Wells completed with sch 40 PVC. Casing Diameters: O.D. 2.375 inches I.D. 2.047 inches Min wall thickness: 0.154 inches

Enviroplug medium chip Bentonite  
Bags of sand: 6  
Bags of bentonite: 0.75

<b>LEGEND:</b>	SS - Split Spoon	- Quartz sand	- Slotted screen	ST - Shelby Tube
	PID - Photoionization Detector	- Bentonite grout	- PVC pipe	HSA - Hollow Stem Augers
	NR - No Recovery	- Concrete	- Clay	PPMV - Parts Per Million by Volume
		- Gravel	- Static Water Level	
		- Sand		