

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Johnson

Location listed as:

Location ~~changed to~~

Section-Township-Range: _____

24-14S-22EFraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): _____SW SE SWOther changes: Initial statements: County Listed: ShawneeChanged to: Johnson Co.

Comments: _____

verification method: Well address, city map on internet, Gardner1:24,000 topo. map.initials: E.P. date: 10/5/2005

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.

Date Drilled: <u>7-12-04</u>	Screen Diam: <u>2"</u>	Drilling Co: <u>Max's Enterprises</u>
Total depth: <u>15.0'</u>	Length: <u>10.0'</u>	Method: <u>Hollow stem auger</u>
Hole diameter: <u>8.0"</u>	Slot Size: <u>.010</u>	Driller: <u>Doug Hunziker</u>
Elev. G.L. <u>TOC</u>	Casing Dia: <u>2"</u>	Geologist: <u>Scott B. McDaniel</u>
Water elev.: Initial <u>NA</u> Static <u>NA</u>	Length: <u>5.0'</u>	Sampling Method(s) <u>Continuous core</u>
	Type: <u>EMI</u>	Analysis Equip: <u>GasTech PID</u>

Sample depth	Headspace (ppm) ¹	Well schematic	Depth (feet)	Lithologic Description ²	Observations/Remarks ³
			1	0-0.3' Asphalt liner	Mobil B-57 Drill Rig
			2	0.5-11' Brown to reddish-brown, stiff, high plastic clay (CH)	Estimated Moisture Contents: @ 5' = 20% @ 10' = 25%
3'	40		3	without retain of odor present with lamination	* Shelby pack tube for permeability analysis from 3-5'
			4		
			5	At 5.5'-7.5' with iron oxide staining present, mottling	Initial H ₂ O level not encountered
			6		
			7		
8'	120		8	w/od. & odor, no staining present	
			9		
			10		
			11	11'-15' Olive green-grey, thin-bedded, weathered hard shale	Set 2" PVC screen from 5-15'
			12	bedrock (Western shale) without trace of hydrocarbon	2" PVC blank from 0-5' w/ 3 bags (300#) Sturges sand to 3' 3", 1 bag of 2" noropoly bentonite to 1 1/2' bgs. & connects to surface of floor-mounted cover
			13	shale or bedrock.	
			14		
15'	40		15	Total depth = 15.0'	
			16		
			17		
			18	* Don't sample for lab analysis	

Well logged by Scott B. McDaniel, Geologist

1) Headspace by PID or detector tube measurement. 2) Lithologic description includes color, sorting, size, texture, and size and shape of grains etc. 3) Observations/Remarks include fracturing, solution cavities, odor, staining, organic content, moisture content, etc.

Tank Management Services, Inc., Topeka, Kansas (785) 233-1414