

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: 36-135-23E

36-135-23E

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): SW NW NE

NW NE SW NE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Latitude & longitude, KGS' "LEO" conversion tool,
and mapping tool on KGS website.

initials: DRL date: 9/25/2008

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726

to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

B-20

1 LOCATION OF WATER WELL: County: <u>Johnson</u>		Fraction <u>SW 1/4 NW 1/4 NE 1/4</u>	Section Number <u>36</u>	Township Number <u>T 13 N</u>	Range Number <u>R 23 W</u>				
Distance and direction from nearest town or city street address of well if located within city? <u>825 E. Loula St. Olathe, KS</u>			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>38 52 48.00</u> Longitude: <u>94 48 15.43</u> Elevation: _____ Datum: _____ Data Collection Method: _____						
2 WATER WELL OWNER: <u>City of Olathe</u> RR#, St. Address, Box # <u>: 100 E. Santa Fe St.</u> City, State, ZIP Code <u>: Olathe, KS 66061</u>									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N <table border="1" style="width:100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width:25%;">NW</td> <td style="width:25%;">NE</td> </tr> <tr> <td style="width:25%;">SW</td> <td style="width:25%;">SE</td> </tr> </table> S	NW	NE	SW	SE	4 DEPTH OF COMPLETED WELL <u>18.50</u> ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL <u>14.25</u> 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) <u>10</u> Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes No <u>X</u>				
NW	NE								
SW	SE								
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..... <u>2 PVC</u> 4 ABS 7 Fiberglass <u>2</u> in. to <u>6.5</u> ft., Diameter..... in. to ft., Diameter..... in. to ft. Blank casing diameter..... in. to ft., Diameter..... in. to ft., Diameter..... in. to ft. Casing height above land surface..... in., Weight.....lbs./ft. Wall thickness or guage No. <u>5.4140</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7 PVC</u> 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 <u>3 Mill slot</u> 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 <u>8.5</u> ft. to <u>18.5</u> ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>6.5</u> ft. to <u>18.5</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <u>3 Bentonite</u> 4 Other Grout Intervals: From <u>1</u> ft. to <u>6.5</u> 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 <u>16 Other (specify below)</u> 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well <u>Rail Line</u> 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				
		See Boring Log							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>7-23-08</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>606</u> This Water Well Record was completed on (mo/day/year) <u>8-27-08</u> under the business name of <u>PSA Environmental</u> by (signature) <u>[Signature]</u>									
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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 <u>constructed</u> well. Visit us at http://www.kdheks.gov/waterwell/index.html .									

Date: July 23, 2008
 Driller: PSA Environmental
 Geologist: RSS/BSM
 Drilling Method: Direct Push

Job:

Olathe, KS BNSF Nelson Property
 Olathe, KS
 P101021014

Page 9 of 10
 Boring No. B-20
 Located near the southwest
 corner of the Nelson Trust
 property (in area of B-8)

ELEV.	DEPTH	SAMP NO.	Rec. (%)	PID (ppm)	FID (ppm)	LITHOLOGIC DESCRIPTION	Ds	WELL	ANN	REMARKS
1058.80	1					0'-2" Fill, lime stone dust and chips				2" monitoring well set. WL=14.25 to TOC TOC elevation 1058.54 Screen 9' to 19'
	2			760	0					
	3									
	4		50	924	1.8	2'-6' Dark gray clay, dense, slightly moist				
	5									
	6			989	5.8					
	7					6'-7' Fill, lime stone dust and chips				
	8		50	827	1168	7'-9' Black cinders (4") and Dark gray clay, plastic, slightly moist, petro odor				
	9									
	10			1017	8	9'-12' Black silty clay, plastic, moist, no odors				
	11									
	12		100	578	6.65					
	13					12'-19.2' Gray clay mottled with brown silty clay, dense, slightly moist				
	14			719	13.25					
	15									
	16		100	356	0					
	17									
	18									
	19		100	381	0	19.2'-19.4' Gray clay with brown sand layers, moist 19.4'-19.5' Brown weatherd shale				
	20					Refusal encountered at 19.5' bgs				
	21									RECOVERY DATA 7/23 @ 1320 dry 7/23 @ 1345 WL=17.8' 7/23 @ 1455 WL=16.73 7/23 @ 1624 WL=15.8 7/23 @ 2124 WL=13.94 7/23 @ 2139 WL=13.81 7/24 @ 0740 WL=12.25
	22									
	23									
	24									
	25									
	26									
	27									
	28									
	29									
	30									
	31									
	32									
										MW-20 duplicate is MW-120
										B-20-7-8 and B-20-16-19.5 submitted for laboratory analysis