

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

(to rectify lacking or incorrect information)

County: Johnson

Location listed as:

Section-Township-Range: 36-135-23EFraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): SW NW NE

Location changed to:

36-135-23ENW NE SW NE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Latitude & longitude, KGS' "LED" conversion tool,
and mapping tool on KGS website.initials: DR date: 9/25/2008submitted 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-19

1 LOCATION OF WATER WELL: County: <u>Johnson</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>		Fraction <u>SW 1/4 NW 1/4 NE 1/4</u>		Section Number <u>36</u>		Township Number <u>T 13 S</u>		Range Number <u>R 23 E/W</u>																																																																			
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>					Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>38 52 48.60</u> Longitude: <u>94 48 15.18</u> Elevation: _____ Datum: _____ Data Collection Method: _____																																																																						
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> <td style="width:25%;">E</td> </tr> <tr> <td style="width:25%;">SW</td> <td style="width:25%;">SE</td> <td style="width:25%;">S</td> </tr> </table>		NW	NE	E	SW	SE	S	4 DEPTH OF COMPLETED WELL <u>13.0</u> ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL <u>5.63</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	E																																																																									
SW	SE	S																																																																									
5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued..... Clamped..... <u>2 PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded..... 7 Fiberglass Threaded <u>X</u> Blank casing diameter <u>2</u> in. to <u>8</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface <u>Flush</u> in., Weight lbs./ft. Wall thickness or gauge No. <u>Sch. 40</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>8 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</u> ft. to <u>13</u> ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>6</u> ft. to <u>13</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</u> Bentonite 4 Other Grout Intervals: From ft. to <u>6</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>10</u> Other (specify below) 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?																																																																											
<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%;">PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td style="text-align: center; vertical-align: middle;"><u>See Boring Log</u></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	PLUGGING INTERVALS			<u>See Boring Log</u>																																																									
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS																																																																						
		<u>See Boring Log</u>																																																																									
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>7-22-08</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>8-29-08</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 22, 2008
Driller: PSA Environmental
Geologist: RSS/BSM
Drilling Method: Direct Push

Job: Olathe, KS BNSF Nelson Property
Olathe, KS
P101021014

Page 8 of 10
Boring No. B-19
Located near the southwest
corner of the Nelson Trust
property (in area of former B-8)

ELEV.	DEPTH	SAMP NO.	Rec. (%)	PID (ppm)	FID (ppm)	LITHOLOGIC DESCRIPTION	Ds	WELL	ANN	REMARKS
1052.60	1					0'-20" Fill, Brown silty clay, moist				
	2			2.45	5.55					
	3									
	4		40			No recovery				
	5									
	6			2.35	10					
	7					4'-6' Dark gray clay, dense, slightly moist				
	8		20	5.43	40.75					
	9									
	10			2.65	2.23	6'-12' Gray clay mottled with brown silty clay, trace sand, slightly moist				
	11									
	12		80	2.55	0					
	13		100	2.43	11.99	12'-12.5' Dark gray sandy clay, some gravel, saturated				
	14					12.5'-13' Brown silty clay mottled with gray clay, trace sand, dense, slightly moist				
	15					Refusal encountered at 13' bgs				
	16									
	17									
	18									
	19									
	20									
	21									
	22									
	23									
	24									
	25									
	26									
	27									
	28									
	29									
	30									
	31									
	32									

2" monitoring well set.
WL= 5.63

TOC elevation 1052.04
Screen 8' to 13'

7/22 @ 1700 removed
8 gallons, until dry
brown turbid water
after surging more turbid
bottom clean

7/23 @ 1648 dry
7/24 @ 0818 WL = 13.22

B-19-6-8 and B-19-10-12
submitted for
laboratory analysis