

County: Leavenworth Fraction SE SW NW SW Sec. 27 T 12 S R 20 EW

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

(to rectify lacking or incorrect information)

Owner: John Vogel Trust

Location was listed as:

Section-Township-Range: None Given

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): _____

Location changed to:

27-12S-20E

SE SW NW SW

Other changes: Initial statements: Douglas County

Changed to: Leavenworth County

Comments: _____

Verification method: Latitude & Longitude, KGS' "LEO" conversion tool,
Leavenworth County online parcel search, and mapping tool &
aerial photos on KGS website. initials: OP date: 6/11/2014

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.

1 LOCATION OF WATER WELL: County: <u>Douglas</u> Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/>		Fraction <div style="display: flex; justify-content: space-around;"> 1/4 1/4 1/4 1/4 </div>		Section Number <div style="display: flex; justify-content: space-around;"> T S </div>		Township No. <div style="display: flex; justify-content: space-around;"> R E W </div>		Range Number <div style="display: flex; justify-content: space-around;"> E W </div>																																																																			
2 WATER WELL OWNER: John Vogel Trust RR#, Street Address, Box #: 1687 E 1600 Rd City, State, ZIP Code : Lawrence, Kansas 66044		Global Positioning System (GPS) information: Latitude: <u>38.97591</u> (in decimal degrees) Longitude: <u>95.18456</u> (in decimal degrees) Elevation: <u>911</u> Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: <u>Garmin 60CSX</u>) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m																																																																									
3 LOCATE WELL WITH AN "X" IN SECTION BOX: <div style="text-align: center;">N</div> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">NW</td> <td style="padding: 5px;">NE</td> </tr> <tr> <td style="padding: 5px;">SW</td> <td style="padding: 5px;">SE</td> </tr> </table> <div style="text-align: center;">S</div> <div style="text-align: center;"> -----1 mile----- </div>		NW	NE	SW	SE	4 DEPTH OF COMPLETED WELL <u>62</u> ft. Depth(s) Groundwater Encountered (1) <u>18</u> ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL <u>18</u> ft. below land surface measured on mo/day/yr. <u>12/16/13</u> Pump test data: Well water was <u>41</u> ft. after <u>6</u> hours pumping <u>600</u> gpm EST. YIELD <u>850</u> gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter <u>36</u> in. to <u>62</u> ft., and..... in. to..... ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																																					
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5 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other..... CASING JOINTS: <input checked="" type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter <u>16</u> in. to <u>62</u> ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft. Casing height above land surface <u>12</u> in., Weight..... lbs./ft., Wall thickness or gauge No. <u>SDR26</u> TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify)..... <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous slot <input checked="" type="checkbox"/> Mill slot <input type="checkbox"/> Gauze wrapped <input type="checkbox"/> Torch cut <input type="checkbox"/> Drilled holes <input type="checkbox"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input type="checkbox"/> Wire wrapped <input type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify)..... SCREEN-PERFORATED INTERVALS: From <u>42'</u> ft. to <u>62'</u> ft., From..... ft. to..... ft. From..... ft. to..... ft., From..... ft. to..... ft. GRAVEL PACK INTERVALS: From <u>20'</u> ft. to <u>62'</u> ft., From..... ft. to..... ft. From..... ft. to..... ft., From..... ft. to..... ft.																																																																											
6 GROUT MATERIAL: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Cement grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Other..... Grout Intervals: From <u>0</u> ft. to <u>20'</u> ft., From..... ft. to..... ft., From..... ft. to..... ft. What is the nearest source of possible contamination: <input type="checkbox"/> Septic tank <input type="checkbox"/> Lateral lines <input type="checkbox"/> Pit privy <input type="checkbox"/> Livestock pens <input type="checkbox"/> Insecticide storage <input type="checkbox"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input checked="" type="checkbox"/> Fuel storage <input type="checkbox"/> Abandoned water well <input type="checkbox"/> Watertight sewer lines <input type="checkbox"/> Seepage pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer storage <input type="checkbox"/> Oil well/gas well Direction from well <u>north</u> Distance from well <u>600'</u>																																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0'</td> <td>5'</td> <td>Top Soil and Fine Sand</td> <td>50'</td> <td>55'</td> <td>Small Rock to Large Rock</td> </tr> <tr> <td>5'</td> <td>10'</td> <td>Fine Sand and Clay</td> <td>55'</td> <td>62'</td> <td>Large Rock to Shale</td> </tr> <tr> <td>10'</td> <td>15'</td> <td>Fine Sand - Medium Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15'</td> <td>20'</td> <td>Fine Sand - Medium Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>20'</td> <td>25'</td> <td>Fine Sand - Medium Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25'</td> <td>30'</td> <td>Fine Sand - Medium Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30'</td> <td>35'</td> <td>Medium Sand to Small Rock</td> <td></td> <td></td> <td></td> </tr> <tr> <td>35'</td> <td>40'</td> <td>Medium Sand to Small Rock</td> <td></td> <td></td> <td></td> </tr> <tr> <td>40'</td> <td>45'</td> <td>Medium Sand to Small Rock</td> <td></td> <td></td> <td></td> </tr> <tr> <td>45'</td> <td>50'</td> <td>Small Rock to Large Rock</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0'	5'	Top Soil and Fine Sand	50'	55'	Small Rock to Large Rock	5'	10'	Fine Sand and Clay	55'	62'	Large Rock to Shale	10'	15'	Fine Sand - Medium Sand				15'	20'	Fine Sand - Medium Sand				20'	25'	Fine Sand - Medium Sand				25'	30'	Fine Sand - Medium Sand				30'	35'	Medium Sand to Small Rock				35'	40'	Medium Sand to Small Rock				40'	45'	Medium Sand to Small Rock				45'	50'	Small Rock to Large Rock			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) <u>12/16/13</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>631</u> This Water Well Record was completed on (mo/day/year) <u>04/21/2014</u> under the business name of <u>Alexander Pump & Services, Inc.</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 and check the correct answers. Send one copy 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																																																																											