

County: Douglas Fraction NE NE NE SE Sec. 36 T 12 S R 19 (E/W)

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

(to rectify lacking or incorrect information)

Owner: University of Kansas

Location was listed as:

Location changed to:

Section-Township-Range: _____

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

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: written description, city street map, and
mapping tool on KGS website.

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.

initials: DRL date: 5/10/2013

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Douglas</u>		Fraction <u>1/4 NE 1/4 NE 1/4 NW 1/4</u>	Section Number <u>1</u>	Township No. T <u>13</u> S	Range Number R <u>17</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W															
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"/> <u>Lawrence, KS - KLU.</u> <u>50' NW from intersection of Louisiana and W 11th St</u>			Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <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																	
2 WATER WELL OWNER: <u>University of Kansas</u> RR#, Street Address, Box #: <u>Attn: Mike Russell</u> City, State, ZIP Code: <u>EH5 - Burt Hall</u> <u>1540 W. 15th St Lawrence, KS</u>																				
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;">W</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td></td><td>X</td><td></td></tr> <tr><td>--NW--</td><td>--NE--</td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td>--SW--</td><td>--SE--</td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table> <div style="text-align: center;">E</div> </div> S <div style="text-align: center;">-----1 mile-----</div>			X		--NW--	--NE--					--SW--	--SE--					4 DEPTH OF COMPLETED WELL <u>66045</u> <u>500</u> ft. Depth(s) Groundwater Encountered (1) <u>250-281</u> ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL <u>200</u> ft. below land surface measured on mo/day/yr..... Pump test data: Well water was.....ft. after..... hours pumping..... gpm EST. YIELD <u>20</u> gpm. Well water was.....ft. after..... hours pumping..... gpm Bore Hole Diameter <u>6</u> in. to <u>500</u> ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input checked="" 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 type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well <u>Cause & Cure</u> Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	X																			
--NW--	--NE--																			
--SW--	--SE--																			
5 TYPE OF CASING USED: <input type="checkbox"/> Steel <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Other <u>4.0 Polyethylene</u> CASING JOINTS: <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter <u>1 1/4</u> in. to <u>500</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface <u>6</u> in., Weight <u>50.2</u> lbs./ft., Wall thickness or gauge No. <u>16.0</u> PS. TYPE OF SCREEN OR PERFORATION MATERIAL: <u>None</u> <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input 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: <u>None</u> <input type="checkbox"/> Continuous slot <input 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..... ft. to ft., From..... ft. to ft. From..... ft. to ft., From..... ft. to ft. GRAVEL PACK INTERVALS: From..... ft. to ft., From..... ft. to ft. From..... ft. to ft., From..... ft. to ft.																				
6 GROUT MATERIAL: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other Grout Intervals: From <u>300</u> ft. to <u>240</u> ft., From <u>500</u> ft. to <u>300</u> ft., From <u>240</u> ft. to <u>0</u> 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 type="checkbox"/> Fuel storage <input type="checkbox"/> Abandoned water well <input checked="" 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>5</u> Distance from well <u>50</u>																				
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS															
0	2	Soil + clay	460	468	lime															
2	47	Shale	468	470	Shale															
47	52	Sand	470	472	lime															
52	138	Shale	472	490	Shale															
138	149	lime	490	495	lime															
149	161	Sand	495	500	Shale															
161	190	Shale																		
190	281	Sand																		
281	291	lime																		
291	301	Shale																		
		301-310 lime																		
		310-325 Shale																		
		325-347 lime																		
		347-375 Shale																		
		375-405 lime																		
		405-417 Shale																		
		417-429 lime																		
		429-445 Shale																		
		445-457 lime																		
		457-460 Shale																		
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input checked="" type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) <u>11-24-10</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>561</u> This Water Well Record was completed on (mo/day/year) <u>12-3-10</u> under the business name of <u>Evans Energy Services</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 three copies (white, blue, pink) 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 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 .																				